

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-36846
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Federal 5-19-8-18
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-047-36185
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SW/NW Lot #4 292' FNL 570' FWL 590109 40.105591 At proposed prod. zone 44398024 -109.942766		10. Field and Pool, or Exploratory Eight Mile Flat 530
14. Distance in miles and direction from nearest town or post office* Approximatley 17.6 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area SW/NW Sec. 19, T8S R18E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 292' f/lse. NA unit		12. County or Parish Uintah
16. No. of Acres in lease 1178.69		13. State RECEIVED DEC 20 2004 DIV. OF OIL, GAS & MINING
17. Spacing Unit dedicated to this well Approx. 40 Acres		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1489'		20. BLM/BIA Bond No. on file UTU0056
19. Proposed Depth 6280'		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4959' GL		23. Estimated duration Approximately seven (7) days from spud to rig release.
22. Approximate date work will start* 2nd Quarter 2005		
24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form: 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Operator certification. 6. Such other site specific information and/or plans as may be required by the authorized officer.		
25. Signature Mandie Crozier		Name (Printed/Typed) Mandie Crozier
Title Regulatory Specialist		Date 12/17/04
Approved by (Signature)		Name (Printed/Typed)
Title		Date
Office		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

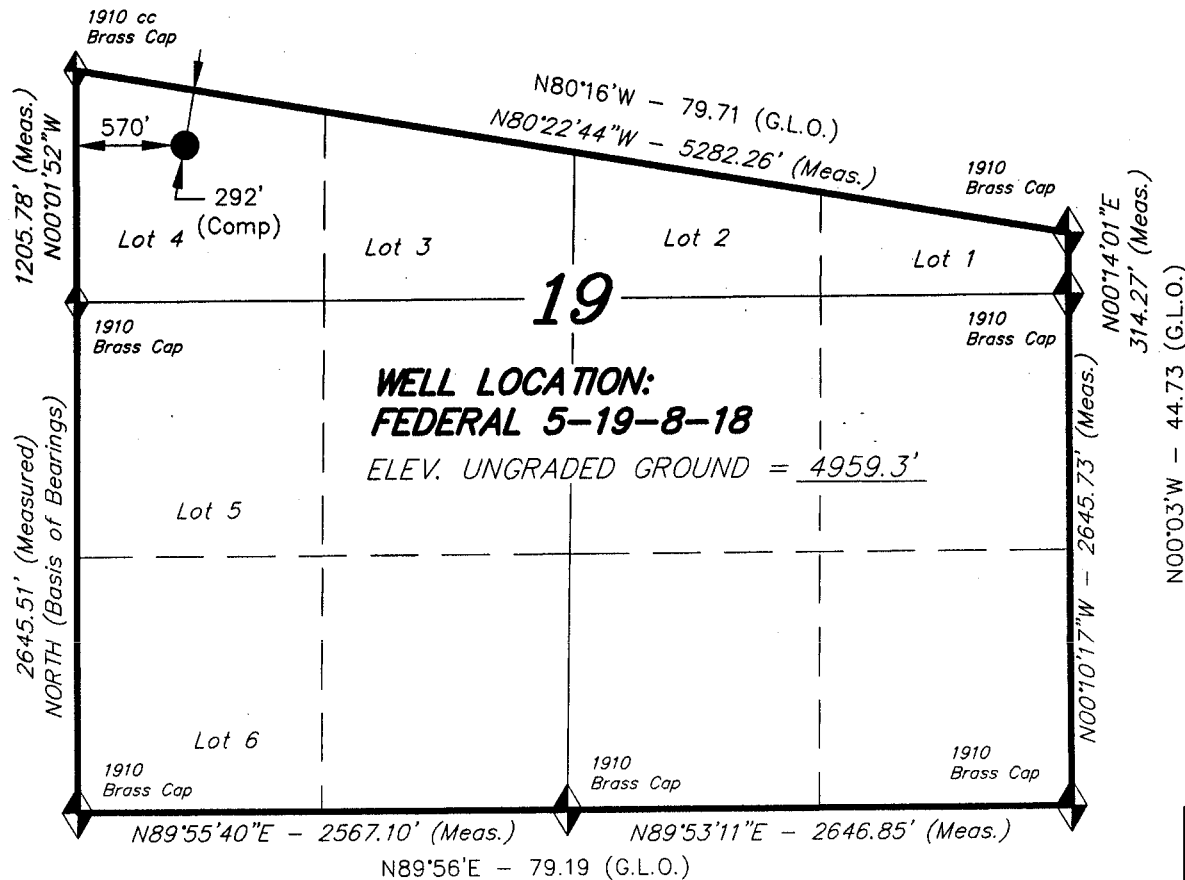
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

T8S, R18E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, FEDERAL 5-19-8-18,
LOCATED AS SHOWN IN LOT 4 OF
SECTION 19, T8S, R18E, S.L.B.&M.
UINTAH COUNTY, UTAH.



Note:

1. Well Footages are Measured at Right Angles to the Section Lines.
2. The well location bears $S55^{\circ}28'56''E$ 692.62' from the Northwest Corner of Section 19.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: J.H.
DATE: 11-10-04	DRAWN BY: F.T.M.
NOTES:	FILE #

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-36846

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
N/A

8. Lease Name and Well No.
Federal 5-19-8-18

9. API Well No.
43-047-36185
10. Field and Pool, or Exploratory
Eight Mile Flat 590

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 19, T8S R18E

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface NW/SW (LOT #5) 1940' FSL 693' FWL
At proposed prod. zone (LOT #4) 539' FNL 653' FWL

14. Distance in miles and direction from nearest town or post office*
Approximately 14.6 miles southeast of Myton, Utah

12. County or Parish
Uintah

13. State
UT

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 539' f/lse, NA' f/unit

16. No. of Acres in lease
1,178.69

17. Spacing Unit dedicated to this well
Approx. 40 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. Approx. 1,365'

19. Proposed Depth
6570'

20. BLM/BIA Bond No. on file
WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
4986' GL

22. Approximate date work will start*
4th Quarter 2008

23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
Mandie Crozier
Title
Regulatory Specialist

Name (Printed/Typed)
Mandie Crozier

Date
6/30/08

Approved by (Signature)
Bradley G. Hill
Title
Environmental Manager

Name (Printed/Typed)
BRADLEY G. HILL
Title
ENVIRONMENTAL MANAGER

Date
06-02-08

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED

JUL 11 2008

DIV. OF OIL, GAS & MINING

Surf

590151X
4439363Y
40.101631

-109.942335

BHL 590135X
4439724Y
40.104900
-109.942473

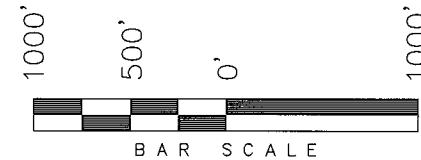
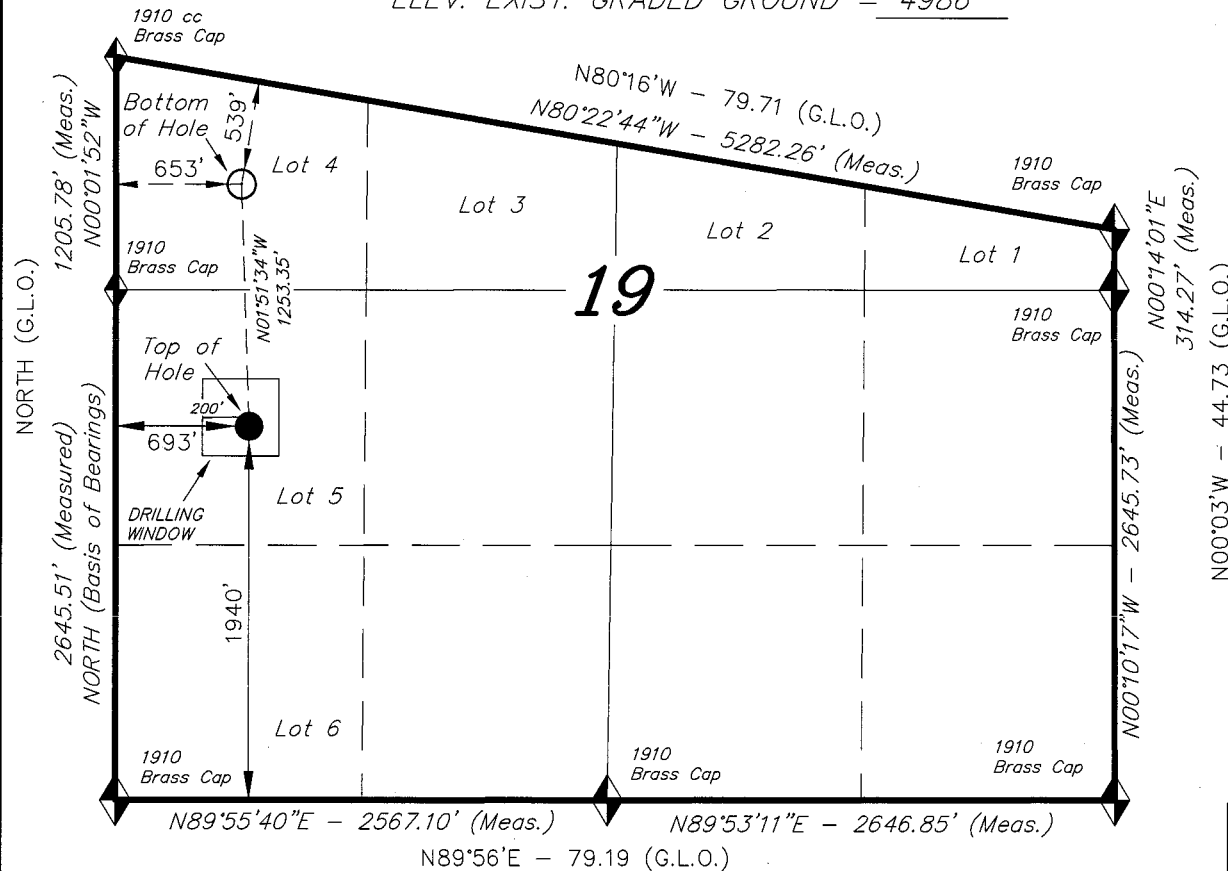
T8S, R18E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

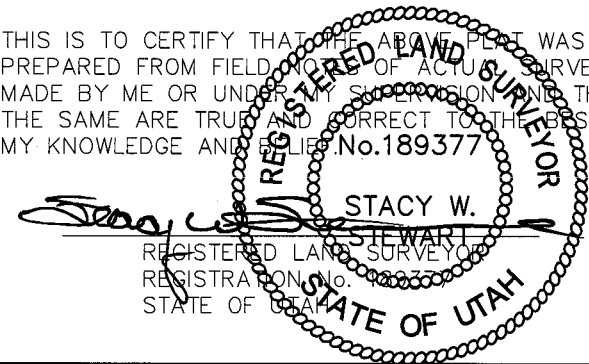
WELL LOCATION, NORTH PARIETTE
5-19-8-18, LOCATED AS SHOWN IN THE NW
1/4 SW 1/4 (LOT 5) OF SECTION 19, T8S,
R18E, S.L.B.&M. UTAH COUNTY, UTAH.

**WELL LOCATION:
NORTH PARIETTE 5-19-8-18**

ELEV. EXIST. GRADED GROUND = 4986'



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 04-04-08	SURVEYED BY: C.M.
DATE DRAWN: 04-07-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NORTH PARIETTE 5-19-8-18
(Surface Location) NAD 83
LATITUDE = 40° 06' 05.57"
LONGITUDE = 109° 56' 34.66"

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

NEWFIELD PRODUCTION COMPANY
FEDERAL 5-19-8-18
AT SURFACE: NW/SW (LOT #5) SECTION 19, T8S, R18E
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1838'
Green River	1838'
Wasatch	6570'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1838' – 6570' – Oil

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM**

a. Casing Design: Federal 5-19-8-18

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8" Hole Size 12 1/4"	0'	300'	24.0	J-55	STC	2,950 17.53	1,370 14.35	244,000 33.89
Prod casing 5-1/2" Hole Size 7 7/8"	0'	6,570'	15.5	J-55	LTC	4,810 2.30	4,040 1.93	217,000 2.13

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure – gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe =	13.0 ppg
Pore pressure at surface casing shoe =	8.33 ppg
Pore pressure at prod casing shoe =	8.33 ppg
Gas gradient =	0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: Federal 5-19-8-18

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	300'	Class G w/ 2% CaCl	138 161	30%	15.8	1.17
Prod casing Lead	4,570'	Prem Lite II w/ 10% gel + 3% KCl	316 1029	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug,

cement, or shoe is begun. WOC time shall be recorded in the Driller's Log. Compressive Strength shall be a minimum of 500 psi prior to drilling out.

The Vernal BLM Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

A Form 3160-5, "Sundry Notices and Reports on Wells" shall be filed with the Vernal Office Manager within 30 days after the work is completed. This report must include the following information:

Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of the cementing tools used, casing test method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The Company's Class 2M minimum specifications for pressure control equipment for a standard Monument Butte development well are as follows:

A 2000 psi WP hydraulic BOP stack consisting of two ram preventers (double or two singles) and either an annular preventer or a rotating head. If no annular preventer is used, ram blocks will be changed to match the outside diameter of casing and the stack will be retested prior to running any casing string.

Connections - All components on the stack and choke and kill lines shall have either flanged, studded, clamp hub or equivalent proprietary connections except control line outlets and pressure gauges.

Choke Manifold - The minimum equipment requirements are shown in **Exhibit C**. The choke manifold shall be located at least 5 feet from the BOP stack, outside the substructure.

Pressure Monitoring - A means of monitoring the inlet pressure of the choke manifold shall be provided. The capability to isolate this outlet shall be provided.

Drillstring Control Devices - An upper and lower kelly valve, drillstring safety valve including correct closing handle, and an inside BOP shall be provided. The safety valve and inside BOP shall have connections or crossovers to fit all tubulars with OD to allow adequate clearance for running in the hole. All drillstring valves shall be rated to the required BOP WP.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system, and individual components shall be operable as designed.

Function test of the BOP equipment shall be made daily. All required BOP tests and/or drills shall be recorded in the Driller's report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to BLM representatives upon request.

Newfield Exploration requests a variance from Onshore Order 2, III.C.7. which states, "... (1) The flare line discharge shall be located not less than 100 feet from the well... (2) The flare system shall have an effective method of ignition."

Newfield Exploration requests permission to have a flowline length of 80 feet in order to minimize the size of the well pad.

Newfield Exploration request permission to conduct operations without an automatic ignitor. If combustible gases are expected, operations will be shut down until an effective method of ignition has been installed.

Newfield Exploration requests a variance from Onshore Order 2, III.E.1. which states, "... the following equipment shall be in place and operational during air/gas drilling: (1) Properly lubricated and maintained rotating head ... (2) Blooie line discharge 100 feet from well bore... (3) Automatic igniter or continuous pilot light on the blooie line... (4) compressors located... a minimum of 100 ft from the well bore..."

Newfield Exploration request permission to use a diverter bowl in place of a rotating head. The diverter bowl forces the air and cutting returns to the reserve pit and is used to drill the surface casing (surface to a total depth of 350 feet). The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.

Newfield Exploration request permission to use a blooie line with a discharge less than 100 feet from the wellbore in order to minimize the size of the well pads and direct the cuttings and circulating mediums into the reserve pit. The well bore is located approximately 35 feet from the reserve pit which is 40 feet wide; a 100 feet blooie line would discharge the cuttings and circulating mediums across the reserve pit and off the location. The requested length of the blooie line to drill the surface casing (surface to a total depth of 350 feet) is 35 feet. The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.

Newfield Exploration request permission to operate without an automatic igniter or continuous pilot light on the blooie line due to the fact the air rig is only used to drill the surface casing (surface to a total depth of 350 feet). The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.

Newfield Exploration request permission to use a trailer mounted compressor located less than 100 feet from the well bore in order to minimize the well pad size. The trailer mounted compressor is located 50 feet from the wellbore and in an opposite direction of the blooie line. The compressor has the following safety features: (1) shut off valve on the trailer that is located approximately 15 ft from the air rig, (2) pressure relief valve on the compressor, and (3) Spark arresters on the motors. The compressor only used in the drilling of the surface casing (surface to a total depth of 350 feet). The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ± 350 feet will be drilled with an air/mist system. The air rig is equipped with a 6 1/2" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ± 350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

a. **Logging Program:**

(the log types run may change at the discretion of the geologist)

FDC/CNL/GR/DLL:

TD - 3,200'

CBL: A cement bond log will be run from TD to the cement top of the production casing.
A field copy will be submitted to the Vernal BLM Office.

b. **Cores:** As deemed necessary.

c. **Drill Stem Tests:** No DSTs are planned in the Green River.

Drill stem tests, if they are run, will adhere to the following requirements: Initial opening of the drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the Authorized Officer (AO). However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released but tripping shall not begin before daylight, unless prior approval is obtained from the AO. Closed chamber DSTs may be performed day or night.

Some means of reverse circulation shall be provided in case of flow to the surface showing evidence of hydrocarbons.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

If a DST is performed, all engines within 100 feet of the wellbore that are required to be operational during the test shall have spark arresters or water-cooled exhausts.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

a. **Drilling Activity**

Anticipated Commencement Date:	Upon approval of the site specific APD.
Drilling Days:	Approximately 7 days.
Completion Days:	Approximately 10 - 14 days.

b. **Notification of Operations**

The Vernal BLM office will be notified at least 24 hours **prior** to the commencement of spudding the well (to be followed with a Sundry Notice, Form 3160-5), of initiating pressure tests of the blowout preventer and related equipment, and running casing and cementing of all casing strings. Notification will be made during regular work hours (7:45 a.m.-4:30 p.m., Monday - Friday except holidays).

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the appropriate regulations, Onshore Orders, or BLM policy.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in suspended status without prior approval from the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given to the BLM before resumption of operations.

Daily drilling and completion reports shall be submitted to the Vernal BLM Office on a weekly basis.

Whether the well is completed as a dry hole or a producer, the "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer (AO).

A completion rig will be used for completion operations after the wells are stimulated to run the production tubing.. All conditions of this approved plan will be applicable during all operations conducted with the completion rig.

Operator shall report production data to the MMS pursuant to 30 CFR 216.5 using form MMS/3160. In accordance with Onshore Oil and Gas Order No. 1, a well will be reported on form 3160-6, "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM Office.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever occurs first; and for gas wells, as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which gas is measured through permanent metering facilities, whichever occurs first.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by written communication not later than 5 days following the date when the well is placed on production.

Pursuant to Onshore Order No. 7, with the approval of the AO, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During this period, an application for approval of the permanent disposal method must be submitted to the AO.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during the initial well evaluation tests, not to exceed 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the AO and approval received for any venting/flaring of gas beyond the initial 30 days or authorized test period.

A schematic facilities diagram, as required by 43 CFR 3162.7-5(b.9.d), shall be submitted to the Vernal BLM Office within 60 days of installation or first production, whichever occurs first. All site security regulations, as specified in Onshore Oil & Gas Order No. 3, shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5(b.4).

Well abandonment operations shall not be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment", Form 3160-5, will be filed with the Authorized Officer within 30 days following completion of the well for abandonment. This report will indicate placement of the plugs and current status of the

surface restoration. Final Abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO, or the appropriate surface managing agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with the State and local laws, to the extent to which they are applicable, to operations on Federal or Indian lands.

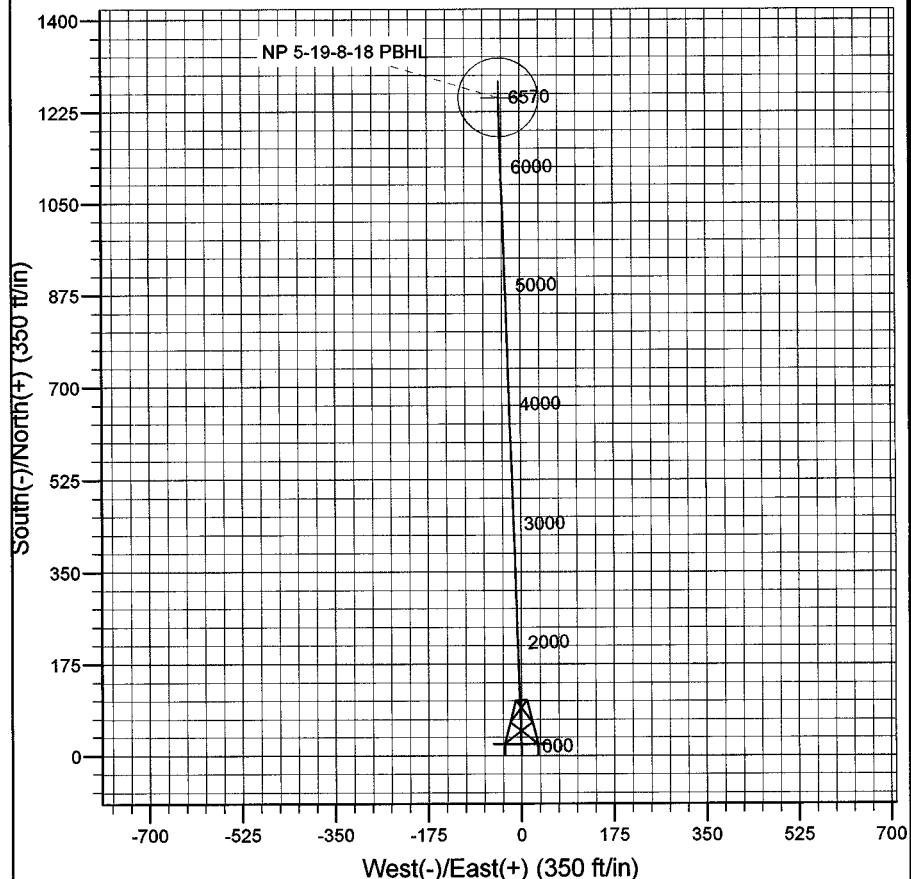
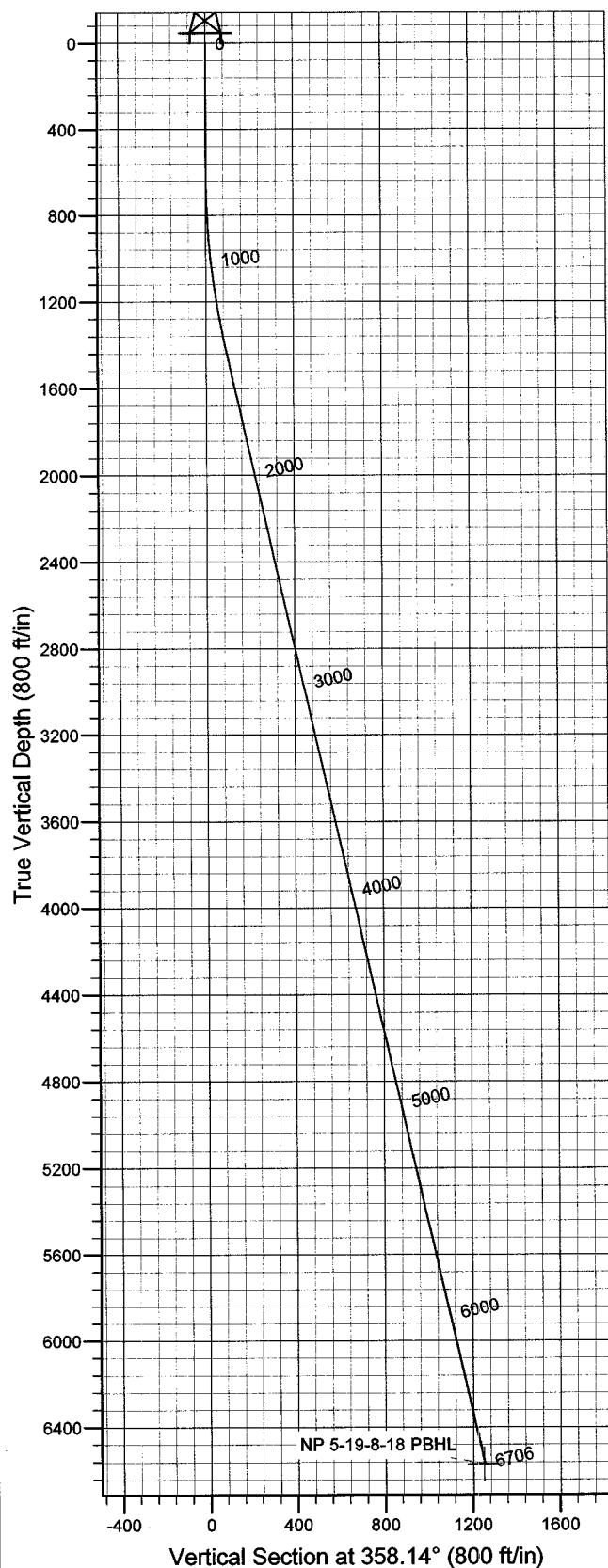


Azimuths to True North
Magnetic North: 11.65°

Magnetic Field
Strength: 52644.6snT
Dip Angle: 65.95°
Date: 2008-06-13
Model: IGRF2005-10

WELL DETAILS: North Pariette 5-19-8-18

GL 4986' & RKB 12' @ 4998.00ft 4986.00
+N/-S 0.00 +E/-W 0.00 Northing 7209518.01 Easting 2075937.29 Latitude 40° 6' 5.570 N Longitude 109° 56' 34.660 W



Plan: Plan #1 (North Pariette 5-19-8-18/OH)

Created By: Julie Cruse Date: 2008-06-13

PROJECT DETAILS: Uintah County, UT NAD83 UTC

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone
Location:
System Datum: Mean Sea Level
Local North: True

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
1449.32	12.74	358.14	1442.34	93.99	-3.05	1.50	358.14	94.04	
6706.40	12.74	358.14	6570.00	1252.69	-40.68	0.00	0.00	1253.35	NP 5-19-8-18 PBHL

Newfield Exploration Co.

Uintah County, UT NAD83 UTC

North Pariette

North Pariette 5-19-8-18

OH

Plan: Plan #1

Standard Planning Report

13 June, 2008

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Uintah County, UT NAD83 UTC
Site: North Pariette
Well: North Pariette 5-19-8-18
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well North Pariette 5-19-8-18
TVD Reference: GL 4986' & RKB 12' @ 4998.00ft
MD Reference: GL 4986' & RKB 12' @ 4998.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Project Uintah County, UT NAD83 UTC

Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: Utah Central Zone

System Datum: Mean Sea Level

Site North Pariette

Site Position:
From: Lat/Long
Position Uncertainty: 0.00 ft
Northing: 7,209,653.78 ft
Easting: 2,077,223.39 ft
Slot Radius: in
Latitude: 40° 6' 6.690 N
Longitude: 109° 56' 18.080 W
Grid Convergence: 1.00 °

Well North Pariette 5-19-8-18, 1940' FSL 693' FWL Sec 19 T8S R18E

Well Position
+N/-S 0.00 ft
+E/-W 0.00 ft
Position Uncertainty 0.00 ft
Northing: 7,209,518.01 ft
Easting: 2,075,937.29 ft
Wellhead Elevation: ft
Latitude: 40° 6' 5.570 N
Longitude: 109° 56' 34.660 W
Ground Level: 4,986.00 ft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008-06-13	11.65	65.95	52,645

Design Plan #1

Audit Notes:

Version: **Phase:** PROTOTYPE **Tie On Depth:** 0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	358.14

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,449.32	12.74	358.14	1,442.34	93.99	-3.05	1.50	1.50	0.00	358.14	
6,706.40	12.74	358.14	6,570.00	1,252.69	-40.68	0.00	0.00	0.00	0.00	NP 5-19-8-18 PBHL

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Uintah County, UT NAD83 UTC
Site: North Pariette
Well: North Pariette 5-19-8-18
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well North Pariette 5-19-8-18
TVD Reference: GL 4986' & RKB 12' @ 4998.00ft
MD Reference: GL 4986' & RKB 12' @ 4998.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	358.14	699.99	1.31	-0.04	1.31	1.50	1.50	0.00
800.00	3.00	358.14	799.91	5.23	-0.17	5.23	1.50	1.50	0.00
900.00	4.50	358.14	899.69	11.77	-0.38	11.77	1.50	1.50	0.00
1,000.00	6.00	358.14	999.27	20.91	-0.68	20.92	1.50	1.50	0.00
1,100.00	7.50	358.14	1,098.57	32.66	-1.06	32.68	1.50	1.50	0.00
1,200.00	9.00	358.14	1,197.54	47.00	-1.53	47.03	1.50	1.50	0.00
1,300.00	10.50	358.14	1,296.09	63.93	-2.08	63.96	1.50	1.50	0.00
1,400.00	12.00	358.14	1,394.16	83.43	-2.71	83.47	1.50	1.50	0.00
1,449.32	12.74	358.14	1,442.34	93.99	-3.05	94.04	1.50	1.50	0.00
1,500.00	12.74	358.14	1,491.77	105.16	-3.41	105.21	0.00	0.00	0.00
1,600.00	12.74	358.14	1,589.31	127.20	-4.13	127.26	0.00	0.00	0.00
1,700.00	12.74	358.14	1,686.85	149.24	-4.85	149.32	0.00	0.00	0.00
1,800.00	12.74	358.14	1,784.39	171.28	-5.56	171.37	0.00	0.00	0.00
1,900.00	12.74	358.14	1,881.92	193.32	-6.28	193.42	0.00	0.00	0.00
2,000.00	12.74	358.14	1,979.46	215.36	-6.99	215.47	0.00	0.00	0.00
2,100.00	12.74	358.14	2,077.00	237.40	-7.71	237.53	0.00	0.00	0.00
2,200.00	12.74	358.14	2,174.54	259.44	-8.43	259.58	0.00	0.00	0.00
2,300.00	12.74	358.14	2,272.08	281.48	-9.14	281.63	0.00	0.00	0.00
2,400.00	12.74	358.14	2,369.61	303.52	-9.86	303.68	0.00	0.00	0.00
2,500.00	12.74	358.14	2,467.15	325.56	-10.57	325.74	0.00	0.00	0.00
2,600.00	12.74	358.14	2,564.69	347.61	-11.29	347.79	0.00	0.00	0.00
2,700.00	12.74	358.14	2,662.23	369.65	-12.00	369.84	0.00	0.00	0.00
2,800.00	12.74	358.14	2,759.77	391.69	-12.72	391.89	0.00	0.00	0.00
2,900.00	12.74	358.14	2,857.31	413.73	-13.44	413.95	0.00	0.00	0.00
3,000.00	12.74	358.14	2,954.84	435.77	-14.15	436.00	0.00	0.00	0.00
3,100.00	12.74	358.14	3,052.38	457.81	-14.87	458.05	0.00	0.00	0.00
3,200.00	12.74	358.14	3,149.92	479.85	-15.58	480.10	0.00	0.00	0.00
3,300.00	12.74	358.14	3,247.46	501.89	-16.30	502.16	0.00	0.00	0.00
3,400.00	12.74	358.14	3,345.00	523.93	-17.01	524.21	0.00	0.00	0.00
3,500.00	12.74	358.14	3,442.53	545.97	-17.73	546.26	0.00	0.00	0.00
3,600.00	12.74	358.14	3,540.07	568.01	-18.45	568.31	0.00	0.00	0.00
3,700.00	12.74	358.14	3,637.61	590.05	-19.16	590.37	0.00	0.00	0.00
3,800.00	12.74	358.14	3,735.15	612.09	-19.88	612.42	0.00	0.00	0.00
3,900.00	12.74	358.14	3,832.69	634.14	-20.59	634.47	0.00	0.00	0.00
4,000.00	12.74	358.14	3,930.22	656.18	-21.31	656.52	0.00	0.00	0.00
4,100.00	12.74	358.14	4,027.76	678.22	-22.02	678.57	0.00	0.00	0.00
4,200.00	12.74	358.14	4,125.30	700.26	-22.74	700.63	0.00	0.00	0.00
4,300.00	12.74	358.14	4,222.84	722.30	-23.46	722.68	0.00	0.00	0.00
4,400.00	12.74	358.14	4,320.38	744.34	-24.17	744.73	0.00	0.00	0.00
4,500.00	12.74	358.14	4,417.92	766.38	-24.89	766.78	0.00	0.00	0.00
4,600.00	12.74	358.14	4,515.45	788.42	-25.60	788.84	0.00	0.00	0.00
4,700.00	12.74	358.14	4,612.99	810.46	-26.32	810.89	0.00	0.00	0.00
4,800.00	12.74	358.14	4,710.53	832.50	-27.04	832.94	0.00	0.00	0.00
4,900.00	12.74	358.14	4,808.07	854.54	-27.75	854.99	0.00	0.00	0.00
5,000.00	12.74	358.14	4,905.61	876.58	-28.47	877.05	0.00	0.00	0.00
5,100.00	12.74	358.14	5,003.14	898.63	-29.18	899.10	0.00	0.00	0.00
5,200.00	12.74	358.14	5,100.68	920.67	-29.90	921.15	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Uintah County, UT NAD83 UTC
Site: North Pariette
Well: North Pariette 5-19-8-18
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well North Pariette 5-19-8-18
TVD Reference: GL 4986' & RKB 12' @ 4998.00ft
MD Reference: GL 4986' & RKB 12' @ 4998.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	12.74	358.14	5,198.22	942.71	-30.61	943.20	0.00	0.00	0.00
5,400.00	12.74	358.14	5,295.76	964.75	-31.33	965.26	0.00	0.00	0.00
5,500.00	12.74	358.14	5,393.30	986.79	-32.05	987.31	0.00	0.00	0.00
5,600.00	12.74	358.14	5,490.84	1,008.83	-32.76	1,009.36	0.00	0.00	0.00
5,700.00	12.74	358.14	5,588.37	1,030.87	-33.48	1,031.41	0.00	0.00	0.00
5,800.00	12.74	358.14	5,685.91	1,052.91	-34.19	1,053.47	0.00	0.00	0.00
5,900.00	12.74	358.14	5,783.45	1,074.95	-34.91	1,075.52	0.00	0.00	0.00
6,000.00	12.74	358.14	5,880.99	1,096.99	-35.62	1,097.57	0.00	0.00	0.00
6,100.00	12.74	358.14	5,978.53	1,119.03	-36.34	1,119.62	0.00	0.00	0.00
6,200.00	12.74	358.14	6,076.06	1,141.07	-37.06	1,141.68	0.00	0.00	0.00
6,300.00	12.74	358.14	6,173.60	1,163.12	-37.77	1,163.73	0.00	0.00	0.00
6,400.00	12.74	358.14	6,271.14	1,185.16	-38.49	1,185.78	0.00	0.00	0.00
6,500.00	12.74	358.14	6,368.68	1,207.20	-39.20	1,207.83	0.00	0.00	0.00
6,600.00	12.74	358.14	6,466.22	1,229.24	-39.92	1,229.89	0.00	0.00	0.00
6,700.00	12.74	358.14	6,563.75	1,251.28	-40.63	1,251.94	0.00	0.00	0.00
6,706.40	12.74	358.14	6,570.00	1,252.69	-40.68	1,253.35	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
NP 5-19-8-18 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,570.00	1,252.69	-40.68	7,210,769.80	2,075,874.81	40° 6' 17.950 N	109° 56' 35.184 W

**NEWFIELD PRODUCTION COMPANY
FEDERAL 5-19-8-18
AT SURFACE: NW/SW (LOT #5) SECTION 19, T8S, R18E
UINTAH COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal 5-19-8-18 located in the NW 1/4 SW 1/4 Section 19, T8S, R18E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 9.1 miles \pm to it's junction with an existing dirt road to the east; proceed easterly - 5.9 miles \pm to it's junction with an existing road to the northeast; proceed in a northeasterly direction - 0.5 miles \pm to the existing 12-19-8-18 well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Carlsbad Canyon. All facilities will be painted within six months of installation.

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-10136

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-342, 1/4/05. Paleontological Resource Survey prepared by, Wade E. Miller, 9/27/04. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 390' of disturbed area be granted in Lease UTU-36846 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Federal 5-19-8-18, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Federal 5-19-8-18, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

Threatened, Endangered, And Other Sensitive Species

A cactus survey will be required prior to construction of the proposed water injection line.

Golden Eagle: Due to this proposed well access roads proximity (less than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between Feb 1 and July 15. If the nest remains inactive on July 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between July 15 and Feb. 1 of the following year. If the nest site becomes active prior to July 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Ferruginous Hawk: Due to this proposed well location's proximity (less than 0.5 mile) to an existing inactive ferruginous hawk nest site, no new construction or surface disturbing activities will be allowed between March 1 and July 31. If the nest remains inactive on May 30th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location after that date. If the nest site becomes active prior to May 30, no new construction or surface

disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 16 mil liner with felt is required.

Location and Reserve Pit Reclamation

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrell Tail	<i>Elymus Elymoides</i>	6 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.20 lbs/acre

Details of the On-Site Inspection

The proposed Federal 5-19-8-18 was on-sited on 5/6/08. The following were present; Dave Allred (Newfield Production), Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), Dave Gordon (Bureau of Land Management)and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #5-19-8-18 NW/SW Section 19, Township 8S, Range 18E: Lease UTU-36846 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

6/30/08

Date

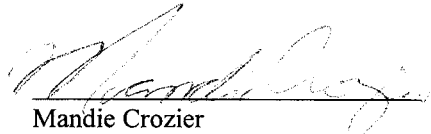

Mandie Crozier
Regulatory Specialist
Newfield Production Company

Exhibit "D"
1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATIONS' BLOCK PARCEL IN
TOWNSHIP 8 SOUTH, RANGE 18 EAST, SECTION 19
UINTAH COUNTY, UTAH

By:

Jacki A. Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Route 3 Box 3630
Myton, Utah 84052

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 04-342

January 4, 2005

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-04-MQ-1430b

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
UINTAH COUNTY, UTAH**

(SW 1/4 & SE 1/4, NW 1/4 + South 1/2 Section 19; South 1/2 Section 20
[excluding NE 1/4, SE 1/4]; NE 1/4, NW 1/4 & SE 1/4, NE 1/4; NE 1/4,
NW 1/4 & SW 1/4, NW 1/4; NW 1/4, SW 1/4 & SE 1/4, SW 1/4 , Section 29;
Section 30 [excluding NE 1/4, SW 1/4], Township 8 South, Range 18 East)

REPORT OF SURVEY

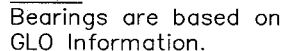
Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
September 27, 2004

Pad Location: NWSW (LOT 5) Section 19, T8S, R18E, S.L.B.&M.



5-19-8-18 (PROPOSED)
539' FNL & 653' FWL

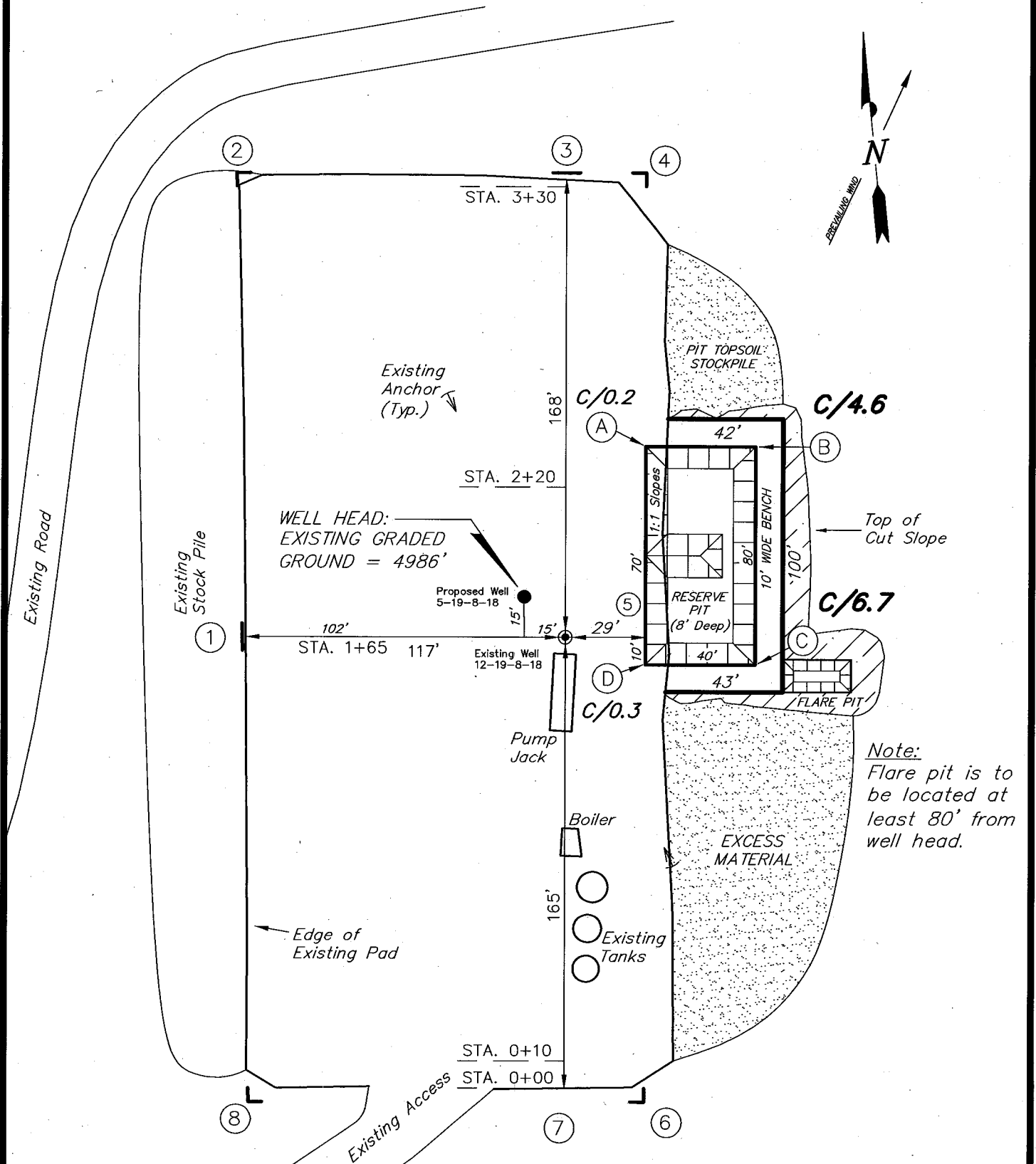
Tri State (435) 781-
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

NORTH PARIETTE 5-19-8-18 (Proposed Well)

NORTH PARIETTE 12-19-8-18 (Existing Well)

Pad Location: NWSW (LOT 5) Section 19, T8S, R18E, S.L.B.&M.



SURVEYED BY: C.M.	DATE SURVEYED: 04-04-08
DRAWN BY: F.T.M.	DATE DRAWN: 04-08-08
SCALE: 1" = 50'	REVISED:

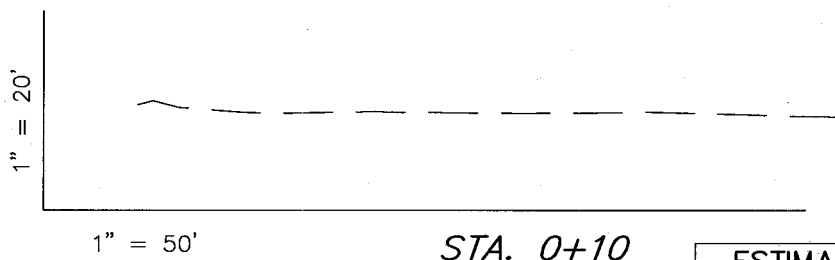
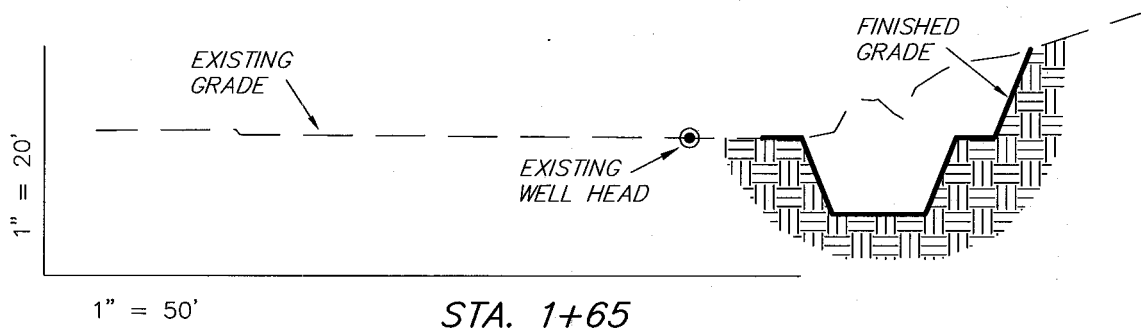
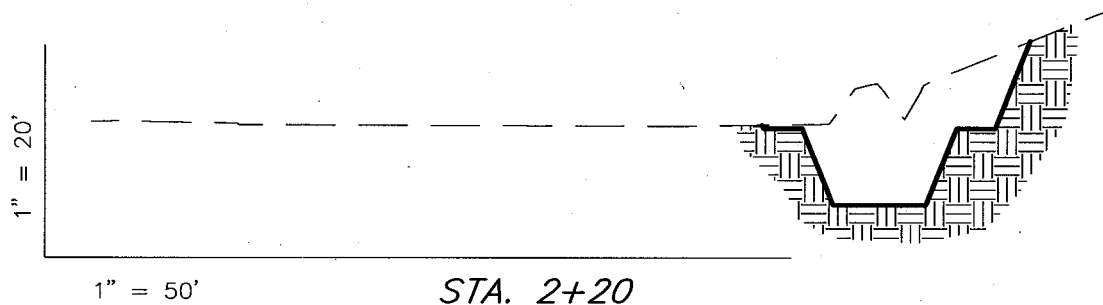
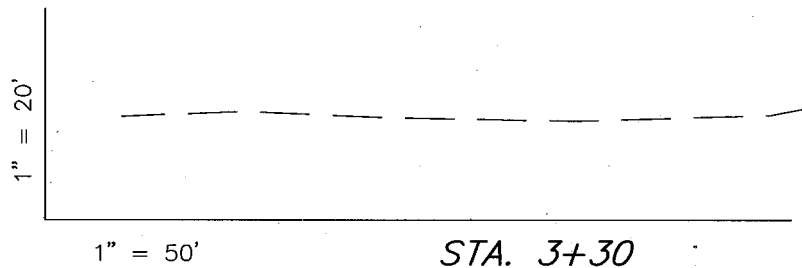
Tri State Land Surveying, Inc. (435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

NORTH PARIETTE 5-19-8-18 (Proposed Well)

NORTH PARIETTE 12-19-8-18 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

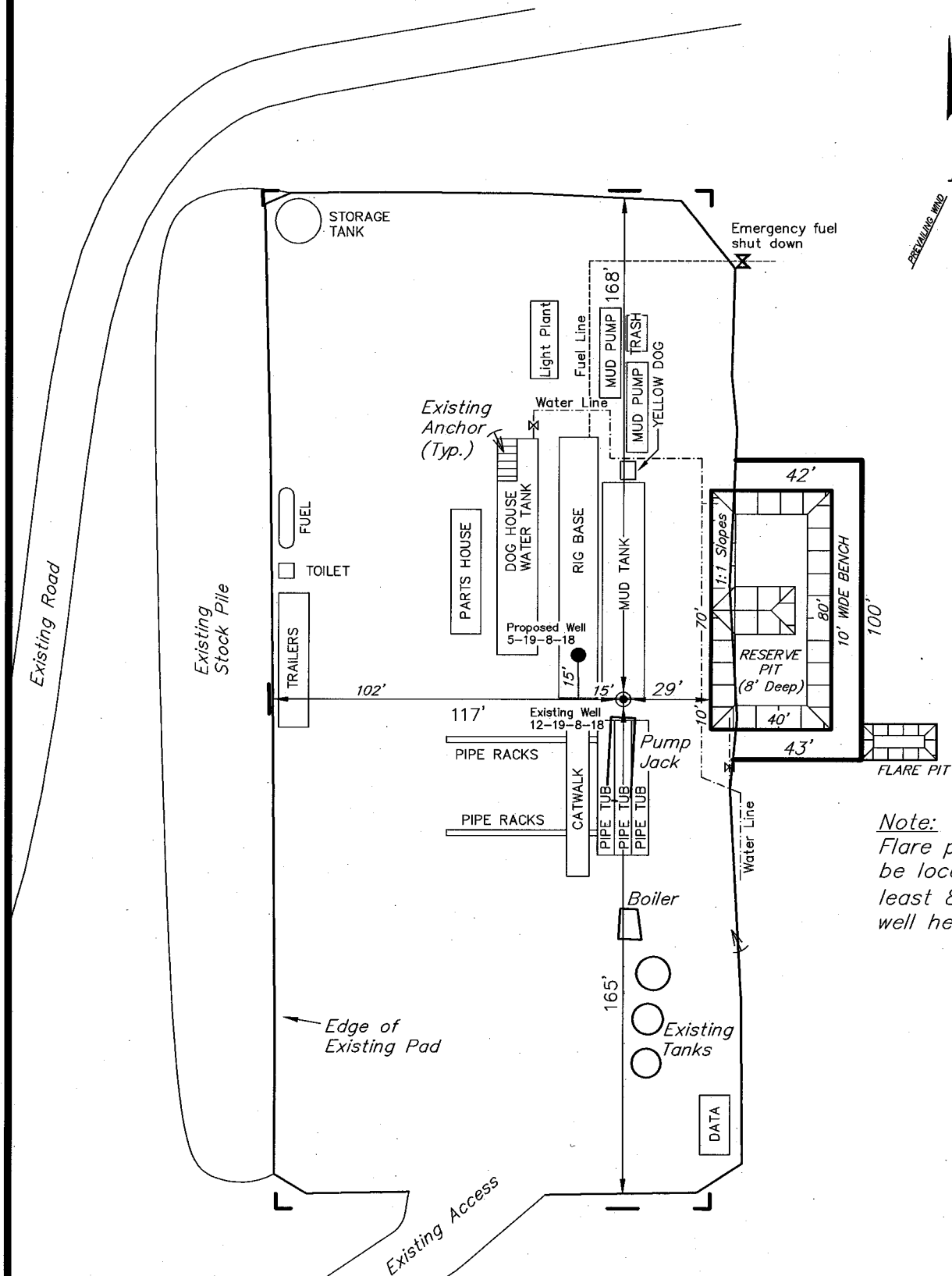
ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,110	0	Topsoil is not included in Pad Cut	1,110
PIT	640	0		640
TOTALS	1,750	0	150	1,750

SURVEYED BY: C.M. DATE SURVEYED: 04-04-08
DRAWN BY: F.T.M. DATE DRAWN: 04-08-08
SCALE: 1" = 50' REVISED:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
NORTH PARIETTE 5-19-8-18 (Proposed Well)
NORTH PARIETTE 12-19-8-18 (Existing Well)



Note:
 Flare pit is to
 be located at
 least 80' from
 well head.

SURVEYED BY: C.M.	DATE SURVEYED: 04-04-08
DRAWN BY: F.T.M.	DATE DRAWN: 04-08-08
SCALE: 1" = 50'	REVISED:

Tri State
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
 (435) 781-2501

Newfield Production Company Proposed Site Facility Diagram

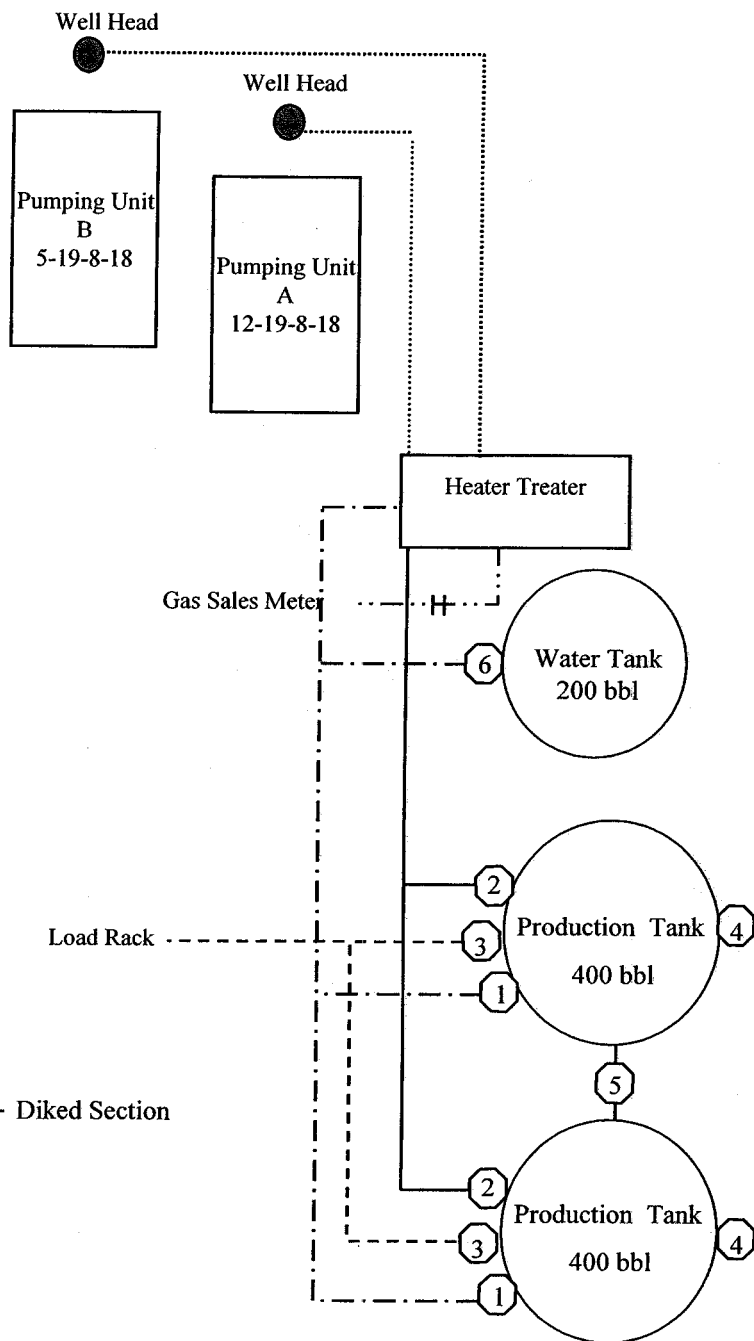
Federal 5-19-8-18

From the 12-19-8-18 Location

NW/SW (LOT #5) Sec. 19 T8S, R18E

Uintah County, Utah

UTU-36846



Site Security Plan is held at the Pleasant Valley Office, Duchesne County, Utah

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

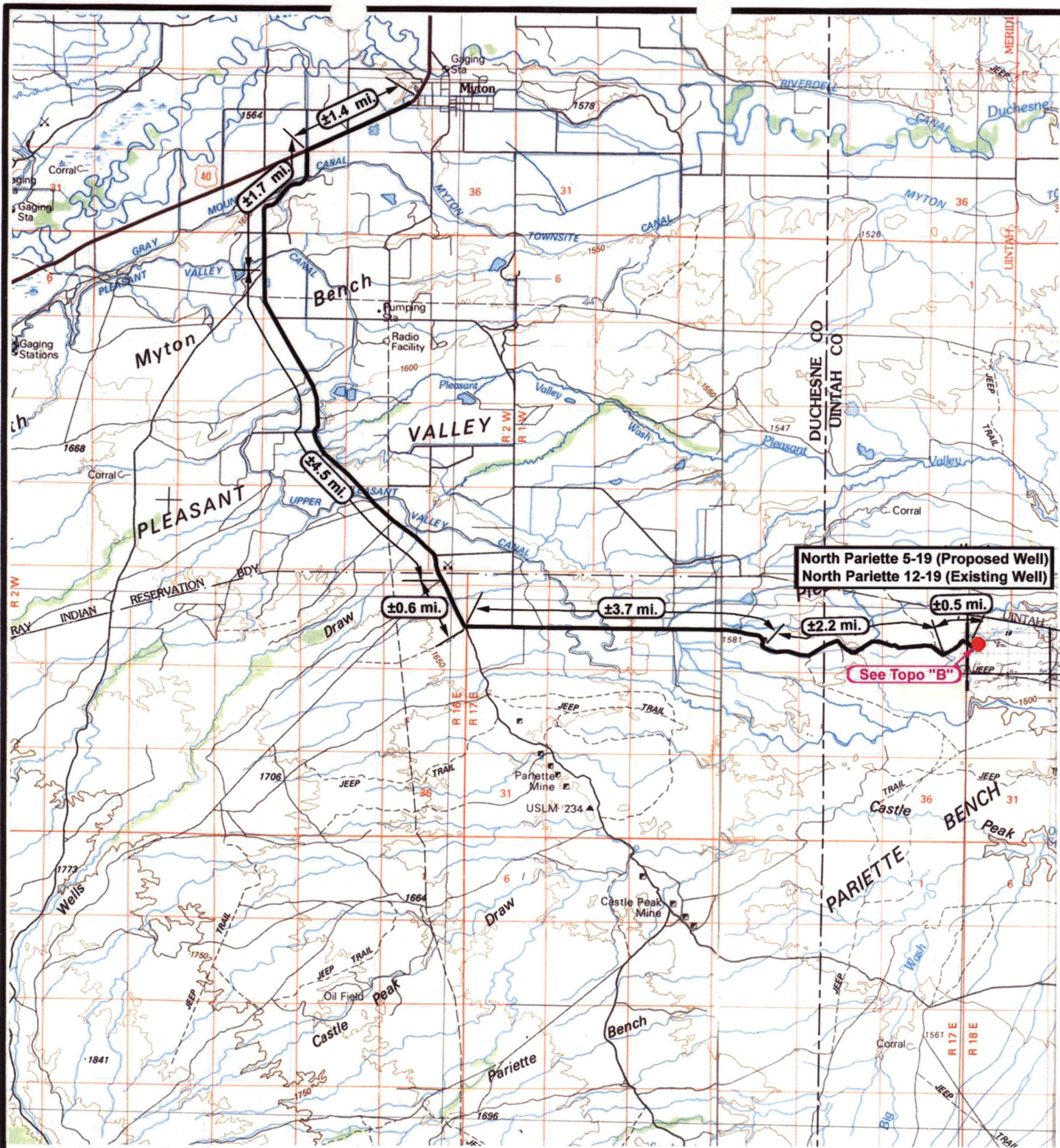
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

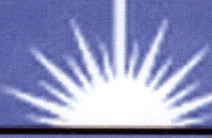
Draining Phase:

- 1) Valves 1 and 6 open

Legend

Emulsion Line
Load Rack	-----
Water Line	- . - . - .
Gas Sales	- . - . - .
Oil Line	—————





NEWFIELD
Exploration Company

North Pariette 5-19-8-18 (Proposed Well)
North Pariette 12-19-8-18 (Existing Well)
Pad Location NWSW SEC. 19, T8S, R18E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

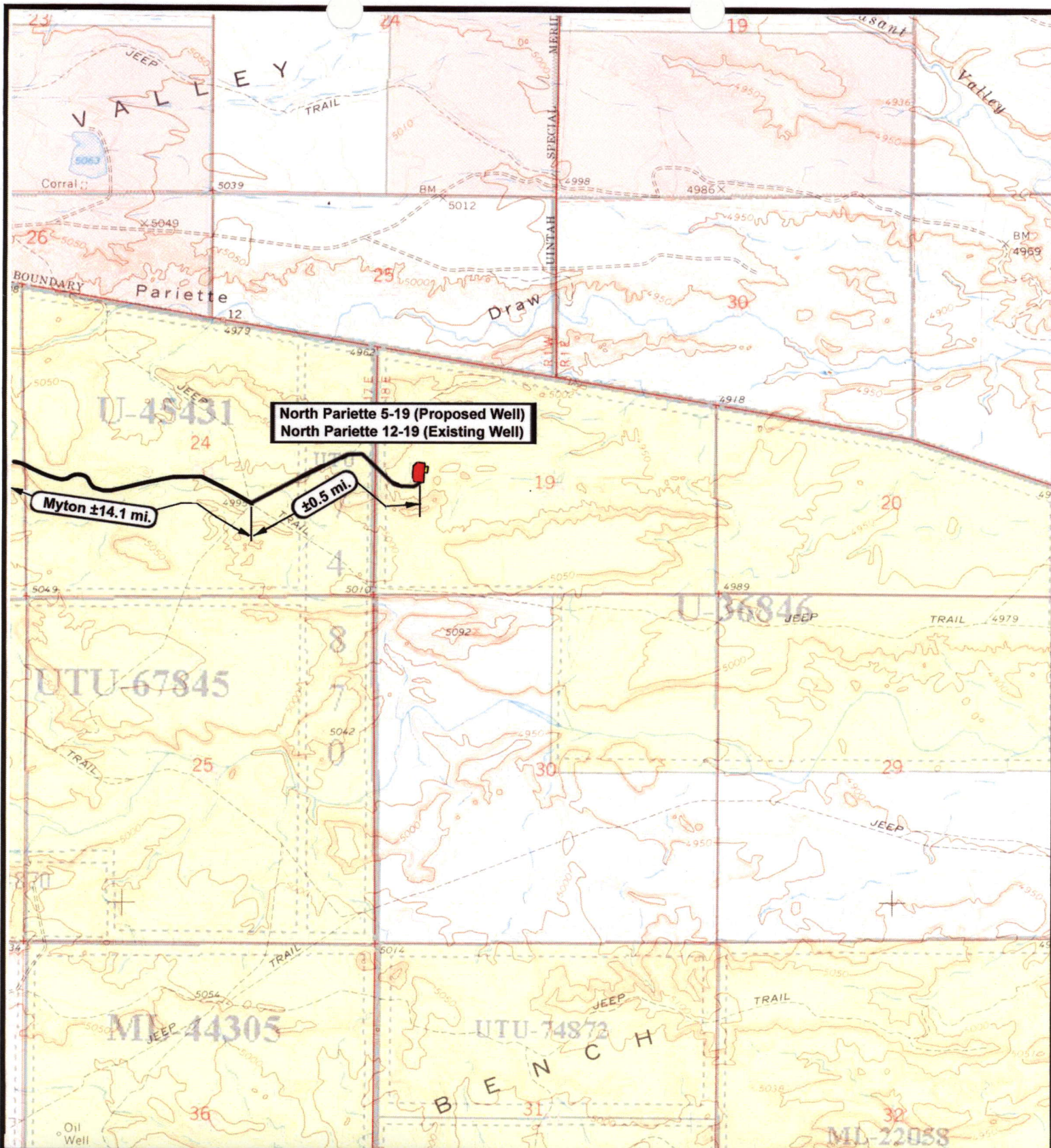
SCALE: 1:100,000
 DRAWN BY: nc
 DATE: 04-08-2008

Legend

Existing Road

TOPOGRAPHIC MAP

"A"



NEWFIELD
 Exploration Company

North Pariette 5-19-8-18 (Proposed Well)
North Pariette 12-19-8-18 (Existing Well)
 Pad Location NWSW SEC. 19, T8S, R18E, S.L.B.&M.



Tri-State
 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

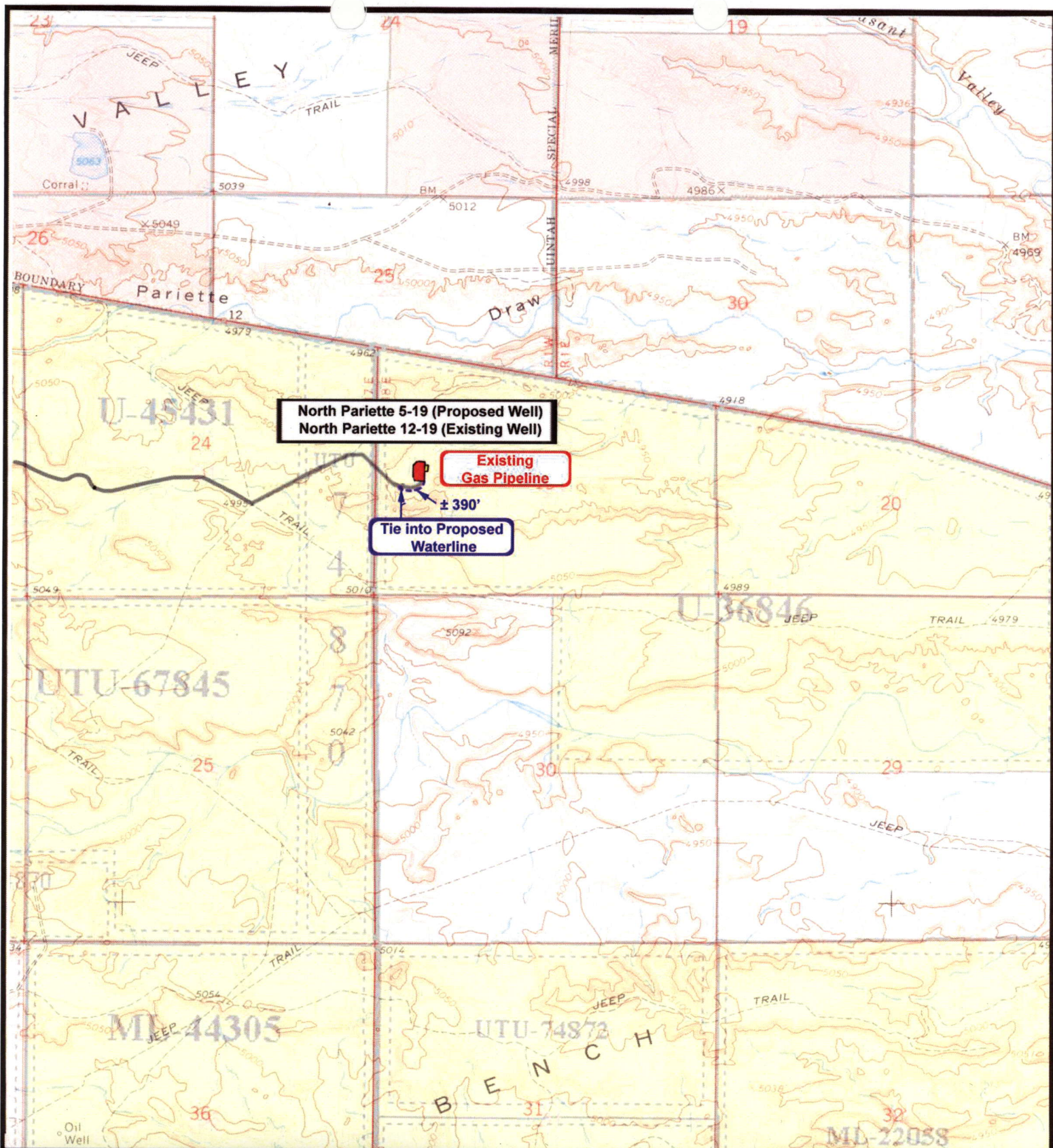
SCALE: 1" = 2000'
 DRAWN BY: nc
 DATE: 04-08-2008


Legend

Existing Road

TOPOGRAPHIC MAP

"B"





NEWFIELD
Exploration Company

North Pariette 5-19-8-18 (Proposed Well)
North Pariette 12-19-8-18 (Existing Well)
Pad Location NWSW SEC. 19, T8S, R18E, S.L.B.&M.





Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

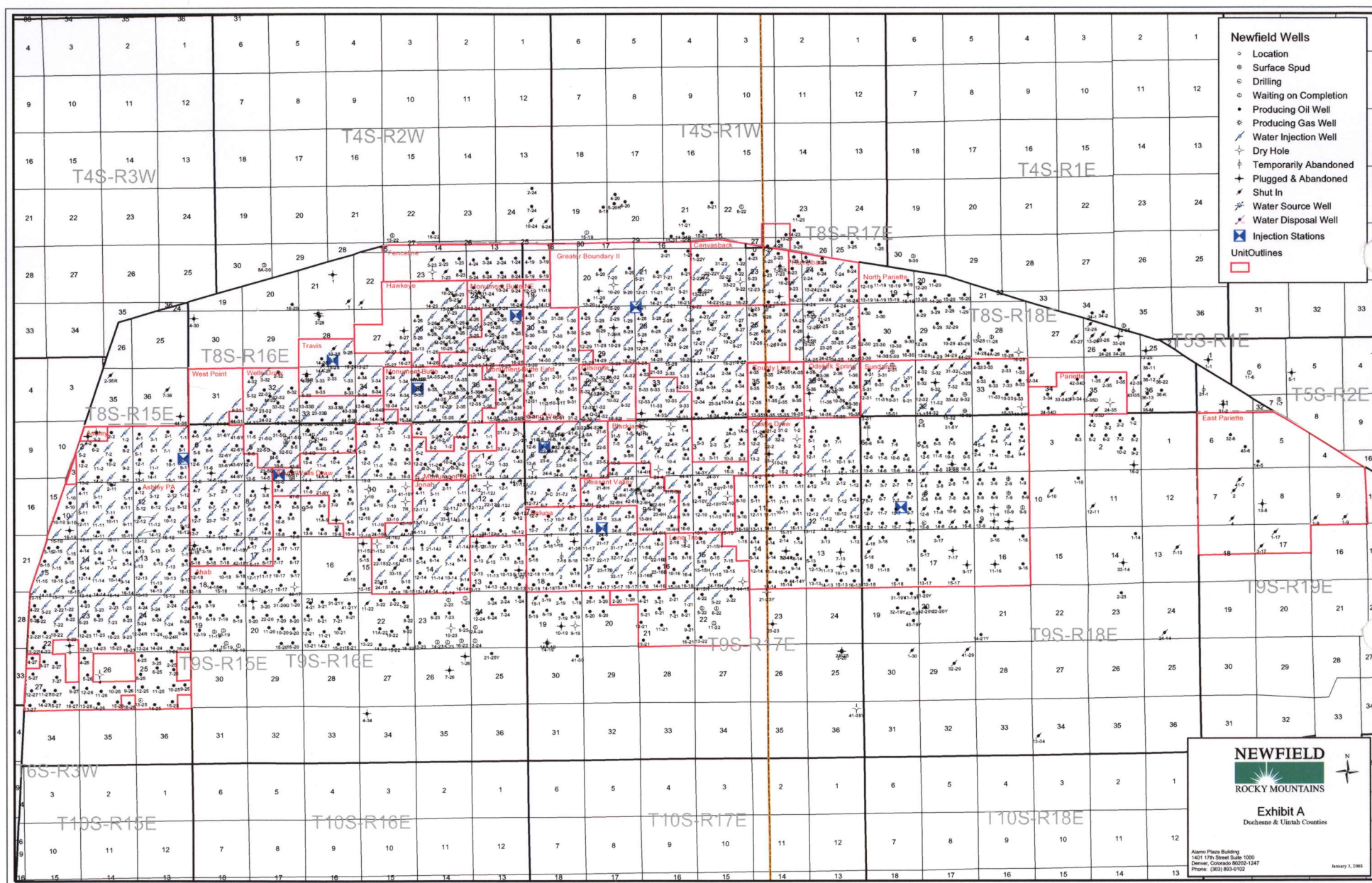
SCALE:	1" = 2000'
DRAWN BY:	nc
DATE:	04-08-2008

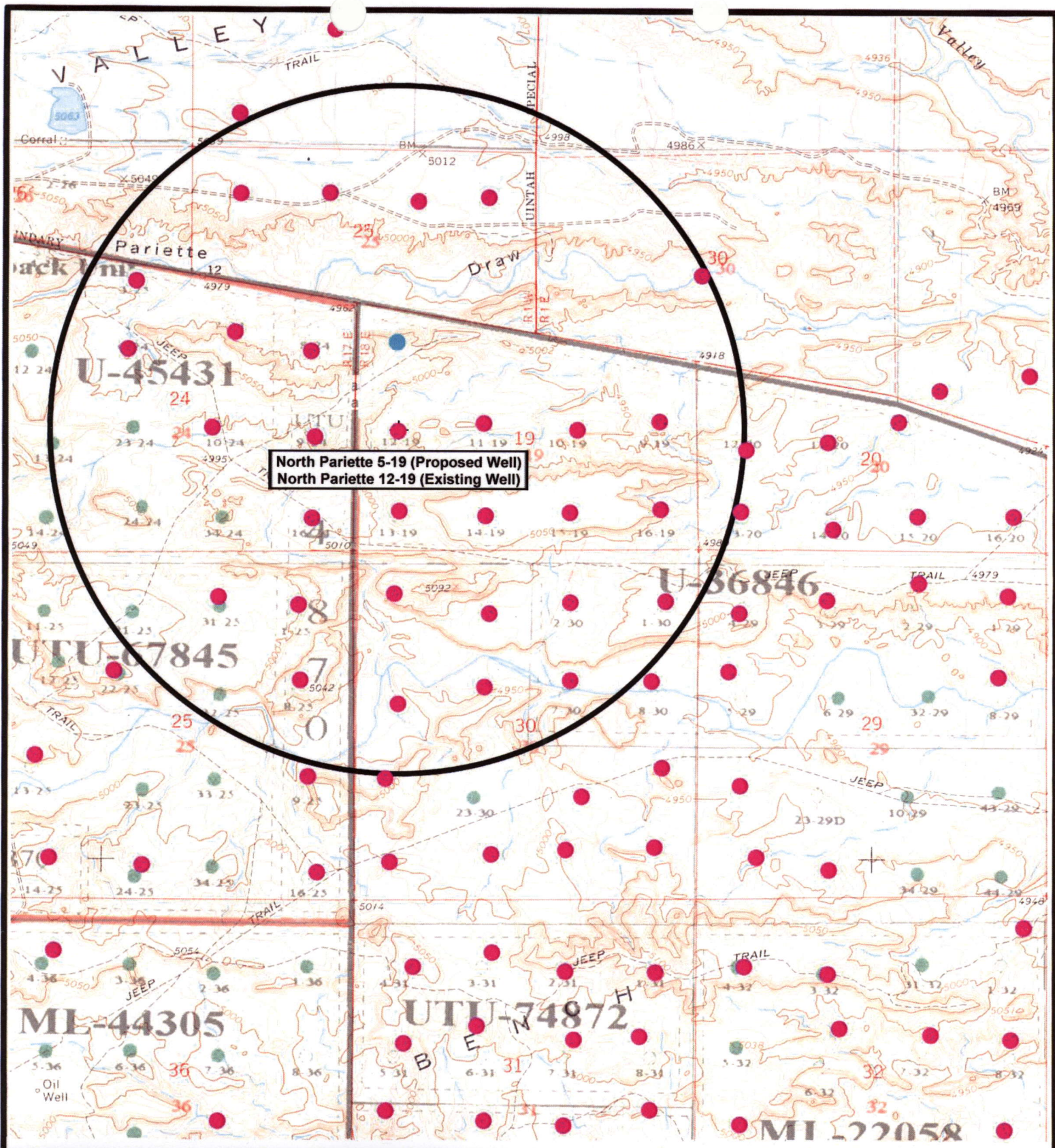
Legend

	Roads
	Proposed Water Line

TOPOGRAPHIC MAP

"C"





NEWFIELD
Exploration Company

North Pariette 5-19-8-18 (Proposed Well)
North Pariette 12-19-8-18 (Existing Well)
 Pad Location NWSW SEC. 19, T8S, R18E, S.L.B.&M.

Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
 DRAWN BY: nc
 DATE: 04-08-2008

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

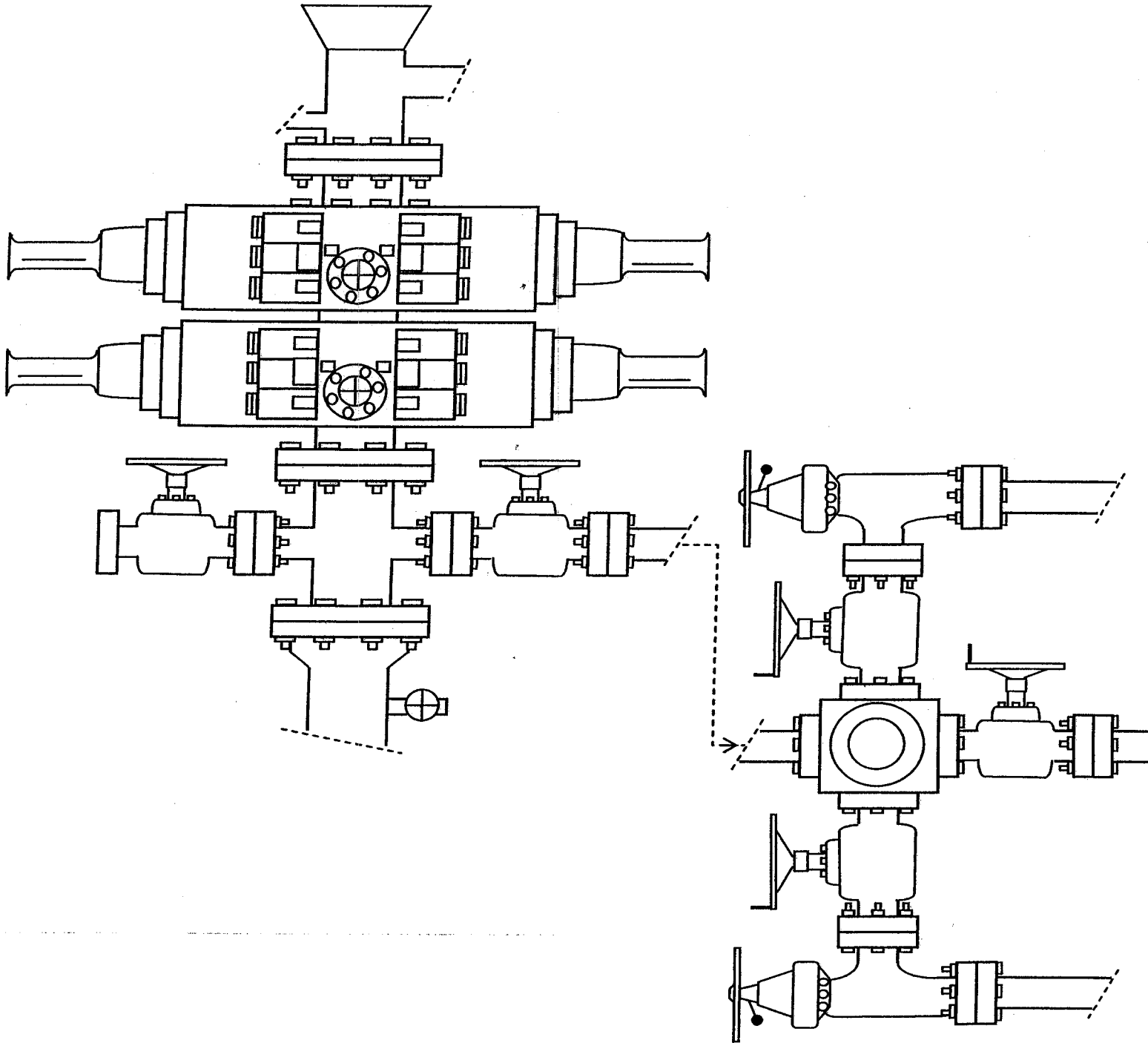


EXHIBIT C

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/11/2008

API NO. ASSIGNED: 43-047-36185

WELL NAME: FEDERAL 5-19-8-18

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSW 19 080S 180E

SURFACE: 1940 FSL 0693 FWL

BOTTOM: 0539 FNL 0653 FWL

COUNTY: UINTAH

LATITUDE: 40.10163 LONGITUDE: -109.9423

UTM SURF EASTINGS: 590151 NORTHINGS: 4439363

FIELD NAME: 8 MILE FLAT NORTH (590)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-36846

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-10136)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

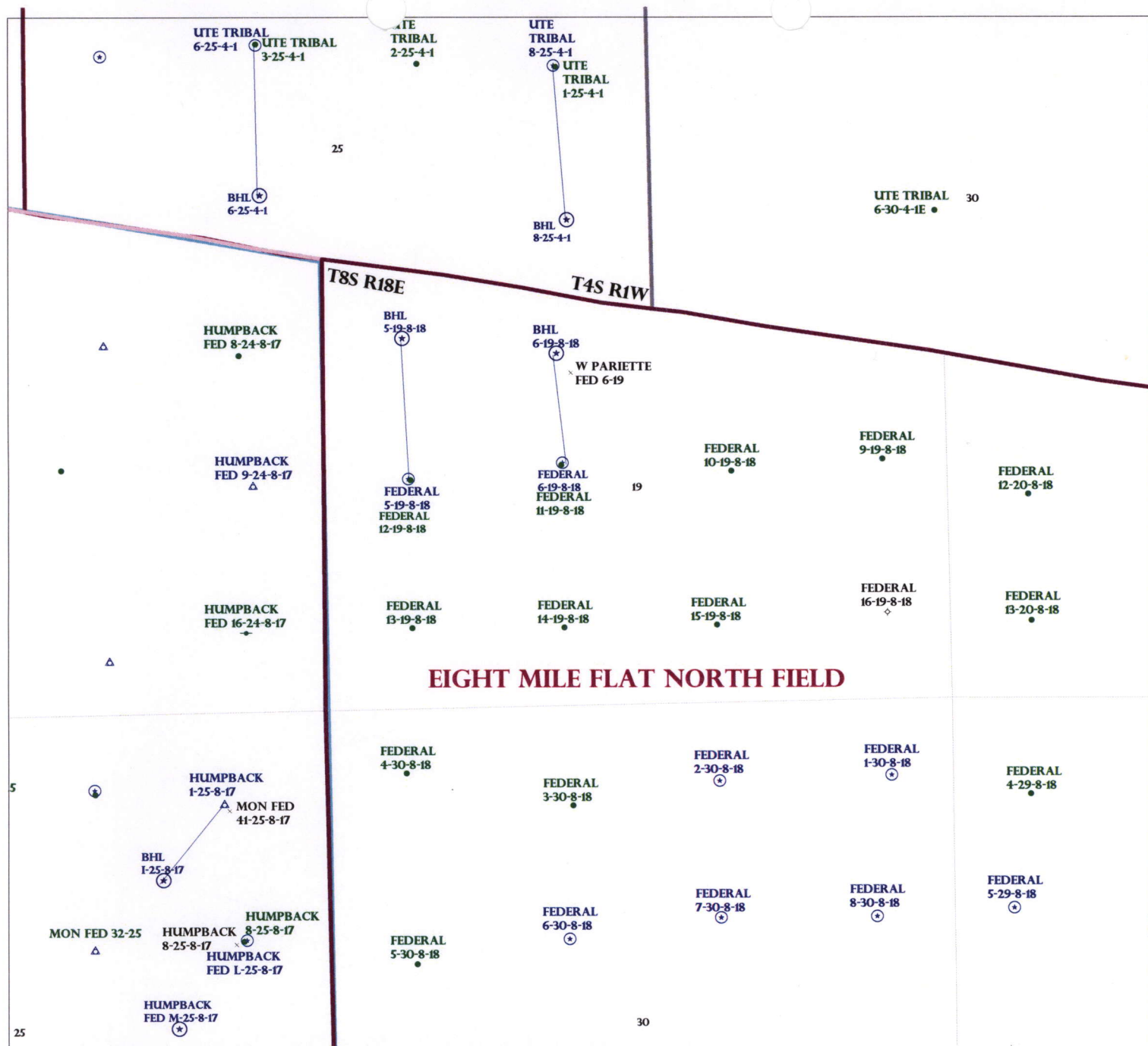
LOCATION AND SITING:

____ R649-2-3.
Unit: _____
____ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
____ R649-3-3. Exception
____ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
☒ R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: _____

1- Federal Approval
2- Spacing Strip



EIGHT MILE FLAT NORTH FIELD

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 19 T.8S R. 18E

FIELD: EIGHT MILE FLAT NORTH (590)

COUNTY: DUCHESNE

SPACING: R649-3-11 / DIRECTIONAL DRILLING

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



OIL, GAS & MINING



PREPARED BY: DIANA MASON
DATE: 16-JULY-2008



August 22, 2008

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Federal 5-19-8-18
Surface Hole: T8S R18E, Section 19: Lot 5
1940' FSL 693' FWL
Bottom Hole: T8S R18E, Section 19: Lot 4
539' FNL 653' FWL
Uintah County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated June 30, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both on UTU-36846. Newfield certifies the bottom hole location and all of the lands within 460 feet of the entire directional well bore are owned as follows: Newfield Production Company 75%, Newfield RMI LLC 2%, Wildrose Resources Corporation 15%, Montana & Wyoming Oil Company 5.25%, Great Northern Drilling Company 1.5%, Western Independent Oil Company .375%, AZ Oil, Inc. .375%, Balsam Producing Properties LLC .25%, and High Plains Utah LLC .25%. Copies of letters from each of these parties consenting to directional drilling are attached.

NPC is permitting this well as a directional well in order to avoid an active eagle's nest.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,
NEWFIELD PRODUCTION COMPANY

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

Attachments

RECEIVED
AUG 28 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

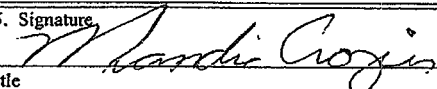
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER			5. Lease Serial No. UTU-36846
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company			7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052		3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 5-19-8-18
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SW (LOT #5) 1940' FSL 693' FWL At proposed prod. zone (LOT #4) 539' FNL 653' FWL			9. API Well No.
14. Distance in miles and direction from nearest town or post office* Approximatley 14.6 miles southeast of Myton, Utah			10. Field and Pool, or Exploratory Eight Mile Flat
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 539' f/lse, NA' f/unit			11. Sec., T., R., M., or Blk. and Survey or Area Sec. 19, T8S R18E
16. No. of Acres in lease 1,178.69		17. Spacing Unit dedicated to this well Approx. 40 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1,365'		20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4986' GL		22. Approximate date work will start* 4th Quarter 2008	
		23. Estimated duration Approximately seven (7) days from spud to rig release.	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 6/30/08
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

AUG 28 2008

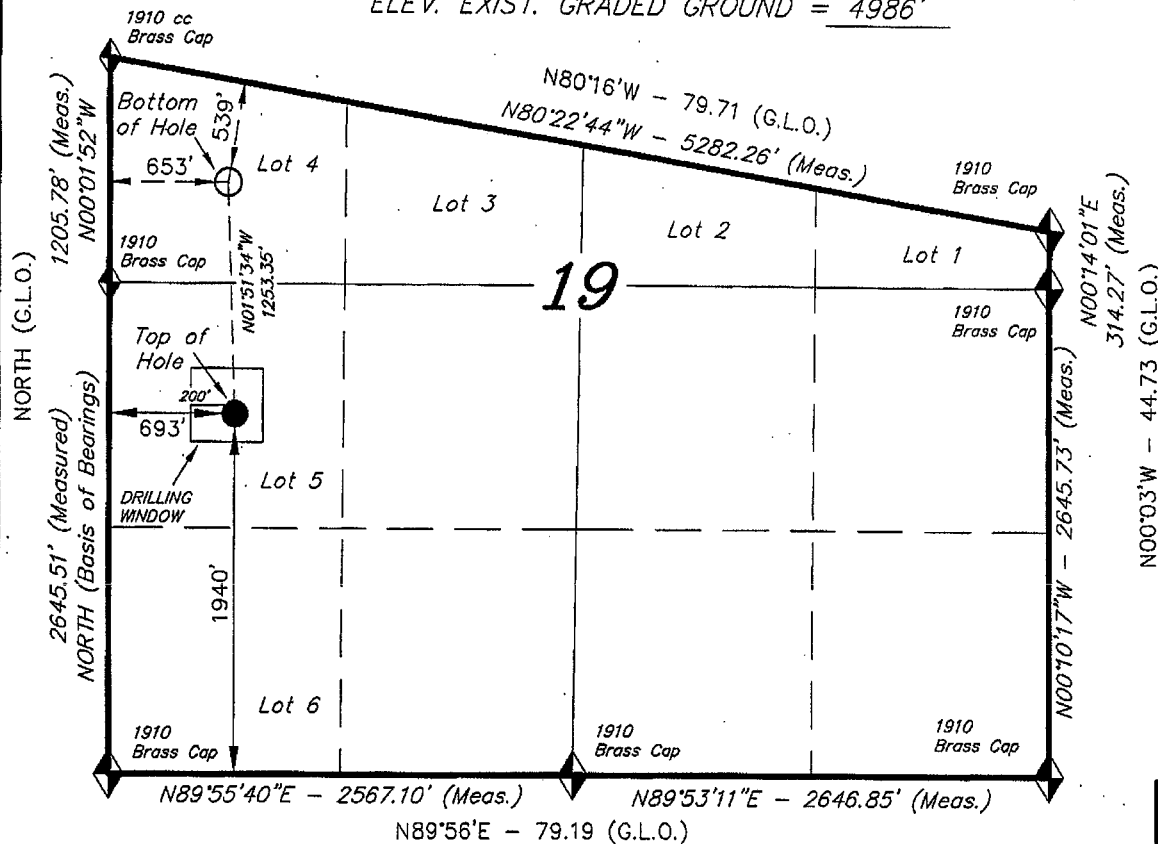
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY

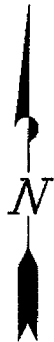
WELL LOCATION, NORTH PARIETTE
5-19-8-18, LOCATED AS SHOWN IN THE NW
1/4 SW 1/4 (LOT 5) OF SECTION 19, T8S,
R18E, S.L.B.&M. UINAH COUNTY, UTAH.

WELL LOCATION:
NORTH PARIETTE 5-19-8-18

ELEV. EXIST. GRADED GROUND = 4986'



A horizontal bar scale with alternating black and white segments. Above the bar, the markings '1000'', '500'', '0', and '1000'' are shown from left to right. Below the bar, the text 'BAR SCALE' is centered.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 120377
STATE OF UTAH

= SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

NORTH PARIETTE 5-19-8-18
(Surface Location) NAD 83
LATITUDE = 40° 06' 05.57"
LONGITUDE = 109° 56' 34.66"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED:
04-04-08

SURVEYED BY: C.M.

DATE DRAWN:
04-07-08

DRAWN BY: F.T.M.

REVISÉ:

SCALE: 1" = 1000'



July 24, 2008

Wildrose Resources Corporation
1001 17th Street, Suite 2000
Denver, CO 80202

RE: Directional Drilling
Federal 5-19-8-18
Uintah County, Utah

Ladies and/or Gentlemen;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

Federal 5-19-8-18

UTU-36846

Surface hole location: T8S R18E, Section 19: Lot 5
1940' FSL 693' FWL

Bottom hole location: T8S R18E, Section 19: Lot 4
539' FNL 653' FWL

Uintah County, Utah

This well must be drilled directionally from the pad of the Federal 12-19-8-18 in order to avoid an active eagle's nest. Pursuant to State of Utah R649-3-11 1.1, it is necessary to obtain your written concurrence to the proposed directional drilling program as a 15% working interest owner in the leasehold within a radius of 460' from all points along the intended well bore.

Enclosed you will find a plat showing the location of the above referenced well. If you are in agreement to this location, please verify your consent by signing and dating where indicated on page 2 of this letter and returning to my attention as soon as possible by email at reveland@newfield.com or fax to 303-893-0103.

If you have any questions or need further information, please do not hesitate to contact me at 303-382-4444. I appreciate your prompt attention to this matter.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

Enclosure

RECEIVED
AUG 28 2008
DIV. OF OIL, GAS & MINING



Fax to: Newfield Production Company
Attn: Roxann Eveland
Email: reveland@newfield.com
Fax: 303-893-0103

RE: Directional Drilling
Federal 5-19-8-18
UTU-36846
Surface hole location: T8S R18E, Section 19: Lot 5
1940' FSL 693' FWL
Bottom hole location: T8S R18E, Section 19: Lot 4
539' FNL 653' FWL
Uintah County, Utah

Please be advised Wildrose Resources Corporation does not have an objection to the proposed directional drilling of the aforementioned well.

WILDROSE RESOURCES CORPORATION
a wholly owned subsidiary of Newfield Production Company

By: Roxann Eveland

Date: 8/22/08

Roxann Eveland - Land Associate
Print Name and Title



July 24, 2008

Montana & Wyoming Oil Company
ATTN: Robert C. Balsam Jr.
PO Box 1324
Billings, MT 59103

RE: Directional Drilling
Federal 5-19-8-18
Uintah County, Utah

Dear Mr. Balsam;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

Federal 5-19-8-18

UTU-36846

Surface hole location: T8S R18E, Section 19: Lot 5
1940' FSL 693' FWL

Bottom hole location: T8S R18E, Section 19: Lot 4
539' FNL 653' FWL

Uintah County, Utah

This well must be drilled directionally from the pad of the Federal 12-19-8-18 in order to avoid an active eagle's nest. Pursuant to State of Utah R649-3-11 1.1, it is necessary to obtain your written concurrence to the proposed directional drilling program as a 5.25% working interest owner in the leasehold within a radius of 460' from all points along the intended well bore.

Enclosed you will find a plat showing the location of the above referenced well. If you are in agreement to this location, please verify your consent by signing and dating where indicated on page 2 of this letter and returning to my attention as soon as possible by email at reveland@newfield.com or fax to 303-893-0103.

If you have any questions or need further information, please do not hesitate to contact me at 303-382-4444. I appreciate your prompt attention to this matter.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

Enclosure

RECEIVED

AUG 28 2008

DIV. OF OIL, GAS & MINING



Fax to: Newfield Production Company
Attn: Roxann Eveland
Email: reveland@newfield.com
Fax: 303-893-0103

RE: Directional Drilling
Federal 5-19-8-18
UTU-36846
Surface hole location: T8S R18E, Section 19: Lot 5
1940' FSL 693' FWL
Bottom hole location: T8S R18E, Section 19: Lot 4
539' FNL 653' FWL
Uintah County, Utah

Please be advised Montana & Wyoming Oil Company does not have an objection to the proposed directional drilling of the aforementioned well.

MONTANA & WYOMING OIL COMPANY

By: RC Balsam Jr
RC Balsam Jr President
Print Name and Title

Date: 7-29-08



July 24, 2008

Great Northern Drilling Company
Box 1953
Billings, MT 59103

RE: Directional Drilling
Federal 5-19-8-18
Uintah County, Utah

Ladies and/or Gentlemen;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

Federal 5-19-8-18

UTU-36846

Surface hole location: T8S R18E, Section 19: Lot 5
1940' FSL 693' FWL

Bottom hole location: T8S R18E, Section 19: Lot 4
539' FNL 653' FWL

Uintah County, Utah

This well must be drilled directionally from the pad of the Federal 12-19-8-18 in order to avoid an active eagle's nest. Pursuant to State of Utah R649-3-11 1.1, it is necessary to obtain your written concurrence to the proposed directional drilling program as a 1.5% working interest owner in the leasehold within a radius of 460' from all points along the intended well bore.

Enclosed you will find a plat showing the location of the above referenced well. If you are in agreement to this location, please verify your consent by signing and dating where indicated on page 2 of this letter and returning to my attention **as soon as possible** by email at reveland@newfield.com or fax to 303-893-0103.

If you have any questions or need further information, please do not hesitate to contact me at 303-382-4444. I appreciate your prompt attention to this matter.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

Enclosure



Fax to: Newfield Production Company
Attn: Roxann Eveland
Email: revcland@newfield.com
Fax: 303-893-0103

RE: Directional Drilling
Federal 5-19-8-18
UTU-36846
Surface hole location: T8S R18E, Section 19: Lot 5
1940' FSL 693' FWL
Bottom hole location: T8S R18E, Section 19: Lot 4
539' FNL 653' FWL
Uintah County, Utah

Please be advised Great Northern Drilling Company does not have an objection to the proposed directional drilling of the aforementioned well.

GREAT NORTHERN DRILLING COMPANY

By: *Alan A. Danahy*
ALAN A. DANAHY, PRESIDENT
Print Name and Title

Date: *7/28/2008*



July 24, 2008

Western Independent Oil Company
PO Box 81283
Billings, MT 59108

RE: Directional Drilling
Federal 5-19-8-18
Uintah County, Utah

Ladies and/or Gentlemen;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

Federal 5-19-8-18

UTU-36846

Surface hole location: T8S R18E, Section 19: Lot 5
1940' FSL 693' FWL

Bottom hole location: T8S R18E, Section 19: Lot 4
539' FNL 653' FWL

Uintah County, Utah

This well must be drilled directionally from the pad of the Federal 12-19-8-18 in order to avoid an active eagle's nest. Pursuant to State of Utah R649-3-11 1.1, it is necessary to obtain your written concurrence to the proposed directional drilling program as a .375% working interest owner in the leasehold within a radius of 460' from all points along the intended well bore.

Enclosed you will find a plat showing the location of the above referenced well. If you are in agreement to this location, please verify your consent by signing and dating where indicated on page 2 of this letter and returning to my attention **as soon as possible** by email at reveland@newfield.com or fax to 303-893-0103.

If you have any questions or need further information, please do not hesitate to contact me at 303-382-4444. I appreciate your prompt attention to this matter.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

Enclosure



Fax to: Newfield Production Company
Attn: Roxann Eycland
Email: reveland@newfield.com
Fax: 303-893-0103

RE: Directional Drilling
Federal 5-19-8-18
UTU-36846
Surface hole location: T8S R18E, Section 19: Lot 5
1940' FSL 693' FWL
Bottom hole location: T8S R18E, Section 19: Lot 4
539' FNL 653' FWL
Uintah County, Utah

Please be advised Western Independent Oil Company does not have an objection to the proposed directional drilling of the aforementioned well.

WESTERN INDEPENDENT OIL COMPANY

By: Sandra K. Anderson Date: 8/21/08
SANDRA K. ANDERSON
Print Name and Title



July 24, 2008

AZ Oil, Inc.
1646 Forest Park Dr.
Billings, MT 59102

RE: Directional Drilling
Federal 5-19-8-18
Uintah County, Utah

Ladies and/or Gentlemen;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

Federal 5-19-8-18

UTU-36846

Surface hole location: T8S R18E, Section 19: Lot 5
1940' FSL 693' FWL

Bottom hole location: T8S R18E, Section 19: Lot 4
539' FNL 653' FWL

Uintah County, Utah

This well must be drilled directionally from the pad of the Federal 12-19-8-18 in order to avoid an active eagle's nest. Pursuant to State of Utah R649-3-11 1.1, it is necessary to obtain your written concurrence to the proposed directional drilling program as a .375% working interest owner in the leasehold within a radius of 460' from all points along the intended well bore.

Enclosed you will find a plat showing the location of the above referenced well. If you are in agreement to this location, please verify your consent by signing and dating where indicated on page 2 of this letter and returning to my attention as soon as possible by email at reveland@newfield.com or fax to 303-893-0103.

If you have any questions or need further information, please do not hesitate to contact me at 303-382-4444. I appreciate your prompt attention to this matter.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

Enclosure

NEWFIELD



ROCKY MOUNTAINS

Fax to: Newfield Production Company
Attn: Roxann Eveland
Email: reveland@newfield.com
Fax: 303-893-0103

RE: Directional Drilling
Federal 5-19-8-18
UTU-36846
Surface hole location: T8S R18E, Section 19: Lot 5
1940' FSL 693' FWL
Bottom hole location: T8S R18E, Section 19: Lot 4
539' FNL 653' FWL
Uintah County, Utah

Please be advised AZ Oil, Inc. does not have an objection to the proposed directional drilling of the
aforementioned well.

AZ OIL, INC.

By:

Marilynn Jubb
Marilynn Jubb

Print Name and Title

President / Owner

Date:

August 8, 08



July 24, 2008

Balsam Producing Properties LLC
Robert C. Balsam, Trustee
PO Box 1324
Billings, MT 59103

RE: Directional Drilling
Federal 5-19-8-18
Uintah County, Utah

Dear Mr. Balsam;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

Federal 5-19-8-18

UTU-36846

Surface hole location: T8S R18E, Section 19: Lot 5
1940' FSL 693' FWL

Bottom hole location: T8S R18E, Section 19: Lot 4
539' FNL 653' FWL

Uintah County, Utah

This well must be drilled directionally from the pad of the Federal 12-19-8-18 in order to avoid an active eagle's nest. Pursuant to State of Utah R649-3-11 1.1, it is necessary to obtain your written concurrence to the proposed directional drilling program as a .25% working interest owner in the leasehold within a radius of 460' from all points along the intended well bore.

Enclosed you will find a plat showing the location of the above referenced well. If you are in agreement to this location, please verify your consent by signing and dating where indicated on page 2 of this letter and returning to my attention **as soon as possible** by email at reveland@newfield.com or fax to 303-893-0103.

If you have any questions or need further information, please do not hesitate to contact me at 303-382-4444. I appreciate your prompt attention to this matter.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

Enclosure



Fax to: Newfield Production Company
Attn: Roxann Eveland
Email: reveland@newfield.com
Fax: 303-893-0103

RE: Directional Drilling
Federal 5-19-8-18
UTU-36846
Surface hole location: T8S R18E, Section 19: Lot 5
1940' FSL 693' FWL
Bottom hole location: T8S R18E, Section 19: Lot 4
539' FNL 653' FWL
Uintah County, Utah

Please be advised Balsam Producing Properties LLC does not have an objection to the proposed directional drilling of the aforementioned well.

BALSAM PRODUCING PROPERTIES LLC

By: RC Balsam Jr.

Date: 7-29-08

R.C. Balsam Jr. Manager
Print Name and Title



July 24, 2008

High Plains Utah LLC
2130 Fillmore, Suite 211
San Francisco, CA 94115

RE: Directional Drilling
Federal 5-19-8-18
Uintah County, Utah

Ladies and/or Gentlemen;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

Federal 5-19-8-18

UTU-36846

Surface hole location: T8S R18E, Section 19: Lot 5
1940' FSL 693' FWL

Bottom hole location: T8S R18E, Section 19: Lot 4
539' FNL 653' FWL

Uintah County, Utah

This well must be drilled directionally from the pad of the Federal 12-19-8-18 in order to avoid an active eagle's nest. Pursuant to State of Utah R649-3-11 1.1, it is necessary to obtain your written concurrence to the proposed directional drilling program as a .25% working interest owner in the leasehold within a radius of 460' from all points along the intended well bore.

Enclosed you will find a plat showing the location of the above referenced well. If you are in agreement to this location, please verify your consent by signing and dating where indicated on page 2 of this letter and returning to my attention **as soon as possible** by email at reveland@newfield.com or fax to 303-893-0103.

If you have any questions or need further information, please do not hesitate to contact me at 303-382-4444. I appreciate your prompt attention to this matter.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

Enclosure

NEWFIELD



Fax to: Newfield Production Company
Attn: Roxann Eveland
Email: revefand@newfield.com
Fax: 303-893-0103

RE: Directional Drilling
Federal 5-19-8-18
UTU-36846
Surface hole location: T8S R18E, Section 19: Lot 5
1940' FSL 693' FWL
Bottom hole location: T8S R18E, Section 19: Lot 4
539' FNL 653' FWL
Uintah County, Utah

Please be advised High Plains Utah LLC does not have an objection to the proposed directional drilling of the aforementioned well.

HIGH PLAINS UTAH LLC

By: 

Date: Aug. 7, 2008

RICHARD MRLUK, MANAGER

Print Name and Title



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

September 2, 2008

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 5-19-8-18 Well, Surface Location 1940' FSL, 693' FWL, NW SW, Sec. 19,
T. 8 South, R. 18 East, Bottom Location 539' FNL, 653' FWL, SW NW, Sec. 19,
T. 8 South, R. 18 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36185.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office



Operator: Newfield Production Company
Well Name & Number Federal 5-19-8-18
API Number: 43-047-36185
Lease: UTU-36846

Surface Location: NW SW Sec. 19 T. 8 South R. 18 East
Bottom Location: SW NW Sec. 19 T. 8 South R. 18 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R. 649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED
VERNAL FIELD OFFICE

2008 JUL 11 PM 2 04

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-36846
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 5-19-8-18
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SW (LOT #5) 1940' FSL 693' FWL At proposed prod. zone (LOT #4) 539' FNL 653' FWL		9. API Well No. 43-047-36185
10. Field and Pool, or Exploratory Eight Mile Flat		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 19, T8S R18E
14. Distance in miles and direction from nearest town or post office* Approximatley 14.6 miles southeast of Myton, Utah		12. County or Parish Uintah
13. State UT		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 539' f/lse, NA' f/unit	16. No. of Acres in lease 1,178.69 ✓	17. Spacing Unit dedicated to this well Approx. 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1,365'	19. Proposed Depth 6570' ✓	20. BLM/BIA Bond No. on file WYB000493 ✓
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4986' GL	22. Approximate date work will start* 4th Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 6/30/08
--	--	-----------------

Title Regulatory Specialist	
--------------------------------	--

Approved by (Signature) <i>Jason Kucera</i>	Name (Printed/Typed) Jason Kucera	SEP 26 2008
--	--------------------------------------	-------------

Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE
---	-------------------------------

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

SEP 29 2008

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

UDOGM

05LWD683A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 5-19-8-18
API No: 43-047-36185

Location: Lot 5, Sec. 19, T8S, R18E
Lease No: UTU-36846
Agreement: N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

STIPULATIONS:

- There are two Golden eagle nests: 0.24 miles east and 0.29 miles southeast of the project area. With this occurrence there will be a timing restriction during construction and drilling activities to minimize disturbance to Golden eagle nesting from February 1 – July 15.
- There is a Ferruginous hawk nest 0.10 miles west of the project area. With this occurrence there will be a timing restriction during construction and drilling activities to minimize disturbance of Ferruginous hawk nesting from March 1 – July 15.

Lease Notices from RMP:

- The lessee/operator is given notice the area has been identified as containing Golden eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden eagle and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- The lessee/operator is given notice the area has been identified as containing Ferruginous hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous hawk and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments:

- None.

Follow-up Actions and/or Recommendations:

Please be aware that this Special Status Species wildlife clearance is effective for 1 year from the date of the onsite date. Any proposals submitted after the date of this report (onsite) shall require additional surveys and clearances.

CONDITIONS OF APPROVAL:

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.

- A temporary road ROW will not be granted. The road ROW will be 30 foot for construction and will reduce to an 18 foot running surface.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed. All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- **Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.**

- **Monitor the construction of the reserve and flare pits and pipeline by a qualified, permitted paleontologist and report all mitigation-curation of vertebrates and other scientifically significant fossils.**
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

- **Interim Reclamation:**

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be **seeded using a rangeland drill**. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	5.0	1/4 - 1/2"
Siberian wheatgrass	<i>Agropyron fragile</i>	3.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	1/2"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	1/2"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.20	1/8 - 1/4"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

- **Final reclamation:**

Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim.

- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.

- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

Logging: Run electric logs from TD to surface casing. Run Gamma Ray from TD to surface.

Variances Granted:

Air Drilling:

- Properly lubricated and maintained rotating head, variance granted to use a properly maintained and lubricated diverter bowl in place of a rotating head.
- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 35' from the well bore.
- Automatic igniter or continuous pilot light on the blooie line. Variance granted to not have an igniter or continuous pilot light, only drilling to 350' and Uinta is usually not hydrocarbon bearing in this area.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for truck/trailer mounted air compressor located 50 feet from the well bore on the opposite side from the blooie line.
- A water truck with 70 bbls. of water is approved as kill fluid in lieu of having mud materials on location during air drilling operations.

Mud Drilling:

- Eighty (80) foot long flare line approved due to small well pad.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Newfield Production Company

Well Name: Federal 5-19-8-18

API No: 43-047-36185 Lease Type: Federal

Section 19 Township 08S Range 18E County Uintah

Drilling Contractor Ross Rig Rig # 21

SPUDDED:

Date 11-11-08

Time 03:30 PM

How Dry

Drilling will Commence: _____

Reported by Don Bastian

Telephone # _____

Date 11-13-2008 Signed RM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNW Section 19 T8S R18E

5. Lease Serial No.

UTV 36846

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 5-19-8-18

9. API Well No.

4304736185

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 11-11-08 MIRU Ross # 21. Spud well @ 3:30pm. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 326.00' On 11/13/08 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 6 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Title

Drilling Foreman

Don Bastian

Signature

Date

11/13/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

NOV 19 2008

DIV. OF OIL, GAS & MINING

8 5/8" CASING SET AT 326

OPERATOR Newfield Exploration Company
WELL FEDERAL 5-19-8-18
FIELD/PROSPECT Monment Butte
CONTRACTOR & RIG # Ross Rig #21

LOG OF CASING STRING:								
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
1	85/8	Cement Shoe	24	J-55	8	A	0.95	
7	8 5/8"	Casing	24	J-55	8rd	A	315.05	
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING LESS CUT OFF PIECE PLUS DATUM TO T/CUT OFF CSG CASING SET DEPTH } COMPARE GOOD CIRC THRU JOB _____ Yes Bbls CMT CIRC TO SURFACE ____ 6 RECIPROCATED PIP_____ No BUMPED PLUG TO _____ 120			316
TOTAL LENGTH OF STRING			316	7				2
LESS NON CSG. ITEMS			0.95					12
PLUS FULL JTS. LEFT OUT			0					326.00
TOTAL			315.05	7				
TOTAL CSG. DEL. (W/O THRDS)			315.05	7				
TIMING								
BEGIN RUN CSG.	Spud		11/11/2008					
CSG. IN HOLE	12:00 PM	11/12/2008						
BEGIN CIRC	8:27 AM	11/13/2008						
BEGIN PUMP CMT	8:41 AM	11/13/2008						
BEGIN DSPL. CMT	8:52 AM	11/13/2008						
PLUG DOWN	9:00 AM	11/13/2008						

[illegible]

COMPANY REPRESENTATIVE

Don Bastian

DATE 11/13/2008

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435 646 3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNW Section 19 T8S R18E

5. Lease Serial No.

USA UTU-36846

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 5-19-8-18

9. API Well No.

4304736185

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 11/19/08 MIRU Patterson Rig # 52. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 275'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6610'. Lay down drill string & BHA. PU & TIH with Guide shoe, shoe jt, float collar, 163 jt's of 5.5 J-55, 15.5# csgn. Set @ 6603.42' KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 35 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 100,000 #'s tension. Release rig @ 11:30 pm 11/24/08.

RECEIVED

DEC 04 2008

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Don Bastian

Signature *Don Bastian*

Title

Drilling Foreman

Date

11/25/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET @ 6603.43

LAST CASING: 8-5/8" SET @ _____
 DATUM (KB) 12
 DATUM TO CUT OFF CASING 12
 DATUM TO BRADENHEAD FLANGE 12
 DRILLER TD 6605 LOGGER TD N/A
 HOLE SIZE 7-7/8" TOP FLOAT COLLAR @ 6563.20
 TOP SHORT JT @ 4508.55

OPERATOR: Newfield Production Company
 WELL: FED 5-19-8-18
 FIELD/PROSPECT: Monument Butte
 CONTRACTOR & RIG #: Patterson # 52

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		Landing Jt	15.5#	J-55	8rd	A	14
163	5 1/2"	LT&C CASING	15.5#	J-55	8rd	A	6551.20
1	5 1/2"	FLOAT COLLAR	-	-	-	A	0.6
1	5 1/2"	LT&C CASING	15.5#	J-55	8rd	A	38.98
1	5 1/2"	GUIDE SHOE					0.65

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	6605.43	164
LESS NON CSG. ITEMS	15.25	-
PLUS FULL JTS. LEFT OUT	203.4	5
TOTAL	6793.58	169
TOTAL CSG. DEL. (W/O THRDS)	6793.58	169

TOTAL LENGTH OF STRING

(-) LANDING JT

(-) AMOUNT CUTOFF

(+) KB ELEVATION

CASING SET DEPTH

COMPARE (SHOULD BE EQUAL)

6605.43

14

0

12

6603.43

CEMENT DATA		TIME	
BEGIN RUN CSG.		10:30 AM	11/24/2008
CSG. IN HOLE		3:00 PM	11/24/2008
BEGIN CIRC		3:30 PM	11/24/2008
BEGIN PUMP CMT		5:00 PM	11/24/2008
BEGIN DSPL. CMT		6:08 PM	11/24/2008
PLUG DOWN		6:36 PM	11/24/2008

GOOD CIRC THRU JOB: Yes

Bbls CMT CIRC TO SURFACE: 35

RECIPROCATED PIPE: N/A

DID BACK PRES. VALVE HOLD ? Yes

BUMPED PLUG TO: 2000 PSI

CEMENT USED

CEMENT COMPANY:		BJ	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1 (lead)		Premium Lite II cement + 0.05 lbs/sack Static Free + 3% bwow Potassium Chloride + 0.5 lbs/sack Cello	
		Flake + 2 lbs/sack Kol Seal + 0.002 gps FP-6L + 10% bwoc Bentonite + 0.5% bwoc Sodium Metasilicate	
		+ 5 lbs/sack CSE-2 + 204.7% Fresh Water	
2 (tail)		(50:50) Poz (Fly Ash): Class G Cement + 0.05 lbs/sack Static Free + 3% bwow Potassium Chloride + 0.5%	
		bwoc EC-1 + 0.25 lbs/sack Cello Flake + 0.002 gps FP-6L + 2% bwoc Bentonite + 0.3% bwoc Sodium	
		Metasilicate + 54.7% Fresh Water	

CENTRALIZER & SCRATCHER PLACEMENT (SHOW MAKE & SPACING)

Centralizers - Middle first, top second & third. Then every third collar for a total of 20.

COMPANY REPRESENTATIVE Don Bastia

DATE 11/24/2008

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

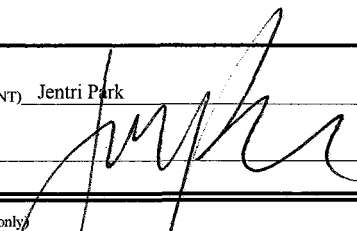
1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-36846
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: FEDERAL 5-19-8-18
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 19, T8S, R18E		9. API NUMBER: 4304736185
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY:
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 02/13/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 01/21/09, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park	TITLE Production Clerk
SIGNATURE 	DATE 02/13/2009
(This space for State use only)	

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FEB 23 2009
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 5-19-8-18**11/1/2008 To 3/28/2009****12/3/2008 Day: 1****Completion**

Rigless on 12/2/2008 - RU Baker Atlas WLT & mast. Run Reservoir Performance Monitor log f/ WLTD of 6535' to 4180'. RD WLT. SIFN W/ est 156 BWTR.

1/15/2009 Day: 2**Completion**

Rigless on 1/14/2009 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6545' & cement top @ 144'. Perforate stage #1, CP3 sds @ 6312-18' & CP2 sds @ 6255-63' & 6216-24' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 88 shots. 156 BWTR. SWIFN.

1/17/2009 Day: 3**Completion**

Rigless on 1/16/2009 - Stage #1, CP2 & CP3 sands. RU BJ Services. 12 psi on well. Frac CP2 & CP3 w/ 34,924 #'s of 20/40 sand in 457 bbls of Lightning 17 fluid. Broke @ 3110 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2123 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1947 psi. Leave pressure on well. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 13' perf gun. Set plug @ 5580'. Perforate C sds @ 5504'-17 w/ 3 1/8" slick guns (19 gram, .40" HE, 120°, 38.87" pen, EXP-3319-332T Titan) w/ 4 spf for total of 52 shots. 613 BWTR Stage #2, C sands. RU BJ Services. 1262 psi on well. C sands would not breakdown. RU PSI WL for acid dumpbail. 1st dumpbail run was miss-run. 2nd Dumpbail run 7 gal of 15% HCL on C sds perfs @ 5505-5517'. Frac C sds w/ 96,501 #'s of 20/40 sand in 729 bbls of Lightning 17 fluid. Broke @ 3608 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1186 psi @ ave rate of 26.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1323 psi. Leave pressure on well. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 8' perf gun. Set plug @ 4810'. Perforate GB2 sds @ 4735-43' w/ 3-1/8" slick guns (19 gram, .40" HE, 120°, 38.87" pen, EXP-3319-332T Titan) w/ 4 spf for total of 24 shots. 1342 BWTR Stage #3, C sands. RU BJ Services. 1078 psi on well. Frac GB2 sds w/ 27,671 #'s of 20/40 sand in 361.5 bbls of Lightning 17 fluid. Broke @ 1832 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2158 psi @ ave rate of 23.3 BPM. ISIP 2541 psi. RD PSI WLT, crane & lubricator. RD BJ Services. 1704 BWTR. Begin immediate flowback @ 3 BPM for 4 hrs. Recovered 720 bbls. 1128 BWTR.

1/18/2009 Day: 4**Completion**

Western #4 on 1/17/2009 - MIRU WWS #4. Check pressure on well, 125 psi. Bleed off pressure. ND frac BOPs & wellhead. NU production wellhead & 5,000# BOPs. MU 4 3/4" chomp bit & bit sub. Talley 2 7/8" J-55 6.5# tbg. PU tbg & tag sand @ 4685'. C&C to plug @ 4810'. Drill up plug in 10 min. Continue to PU tbg & tag plug @ 4650'. Drill up plug in 18 min. PU tbg & tag plug @ 4850'. Drill up plug in 18 min. Circulate well clean. EOT @ 4818'. Drain up pump & pump lines. SWIFN.

1/20/2009 Day: 5**Completion**

Western #4 on 1/19/2009 - Thaw well. 150 psi on csg. 125 psi on tbg. Bleed pressure to tank.

Tag plug @ 5580'. Drill out plug in 26 min. Lost 60 bbls of water while drilling. Tag sand @ 6413' and clean out to PBTD @ 6563'. Circulate hole clean. LD 2 jts. EOT @ 6509'. RD drill equipment, RU swab equipment. RIH w/ swab. IFL @ surface. Make 14 runs. FFL @ 2400'. Rec. 162 bbls w/ trace of oil and no sand. RD swab equipment & SWIFN.

1/21/2009 Day: 6**Completion**

Western #4 on 1/20/2009 - 275 psi on csg. 225 psi on tbg. PU 2 jts of 2-7/8" tbg and tag sand @ 6561'. Circulate well clean. LD 6 jts and TOOH with 204 jts 2-7/8". LD 4-3/4" bit. PU and TIH w/ NC, 2 jts 2-7/8" 6.5# J-55 tbg, SN, 1 jt tbg, 5-1/2" B-2 TAC, 201 jts 2-7/8" 6.5# J-55 tbg. Set 5-1/2" TAC with 16,000 # tension. TAC @ 6294, SN @ 6328', EOT @ 6393'. Land tbg w/ B-1 adaptor flange. NU wellhead, x-over, and pumping T. Pump 60 bbls water down tbg. PU & prime 2-1/2" x 1-3/4" x 16' x 20' RHAC (174" stroke) Central Hydraulic Pump w/ shear coupler on top. RIH w/ 4 x 1-1/2" weight bars, 249 x 7/8" new guided rods (8 per), 1-1/2" x 26' polish rod. Seat pump and stroke with unit to 800 psi. RDMOSU. Could not PWOP due to frozen flowline.

1/22/2009 Day: 7**Completion**

Western #4 on 1/21/2009 - Repair surface equipment & PWOP @ 9:00 AM, w/ 122" SL, @ 4 spm. Final Report!

Pertinent Files: [Go to File List](#)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. UTU-36846			
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv., Other: _____						6. If Indian, Allottee or Tribe Name NA			
2. Name of Operator NEWFIELD EXPLORATION COMPANY						7. Unit or CA Agreement Name and No. FEDERAL			
3. Address 1401 17TH ST. SUITE 1000 DENVER, CO 80202						8. Lease Name and Well No. FEDERAL 5-19-8-18			
3a. Phone No. (include area code) (435)646-3721						9. AFI Well No. 43-047-36185			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1940' FSL & 693' FWL (NW/SW) SEC. 19, T8S, R18E At top prod. interval reported below BHL: 539' FNL & 653' FWL (SW/SW) At total depth 6810' 687 fnl 719 fwl per Hsm review						10. Field and Pool or Exploratory MONUMENT BUTTE			
14. Date Spudded 11/11/2008						15. Date T.D. Reached 11/22/2008			
16. Date Completed 01/21/2009 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.						17. Elevations (DF, RKB, RT, GL)* 4959' GL 4971' KB			
18. Total Depth: MD 6610' TVD 6475' 81						19. Plug Back T.D.: MD 6563' TVD 6434			
20. Depth Bridge Plug Set: MD TVD						21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND			
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		326'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		6603'		350 PRIMLITE		114'	
						450 50/50 POZ			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8"	EOT@ 6393'	TA @ 6294'							
25. Producing Intervals									
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) GREEN RIVER				(CP3)&(CP2) see below		.49"	4	88	
B) GREEN RIVER				(C) 5504-5517'		.49"	4	52	
C) GREEN RIVER				(GB2) 4735-43'		.49"	4	24	
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
6216-6318'		Frac w/ 34924# of 20/40 snd 457 bbls fluid							
5504-5517'		Frac w/ 96501# 20/40 snd 729 bbls fluid							
4735-4743'		Frac w/ 27671# 20/40 snd 361.5 bbls fluid							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/21/09	02/09/09	24	→	39	21	6			2-1/2" x 1-1/2" x 16' x 20' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	4263' 4449'
				GARDEN GULCH 2 POINT 3	4577' 4869'
				X MRKR Y MRKR	5094' 5133'
				DOUGALS CREEK MRK BI CARBONATE MRK	5275' 5592'
				B LIMESTON MRK CASTLE PEAK	5712' 6126'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	6522' 6621'

32. Additional remarks (include plugging procedure):

(CP3) 6312-6318' (CP2) 6255-63' & 6216-24'

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Tammi LeeTitle Production ClerkSignature *Tammi Lee*Date 02/23/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

NEWFIELD



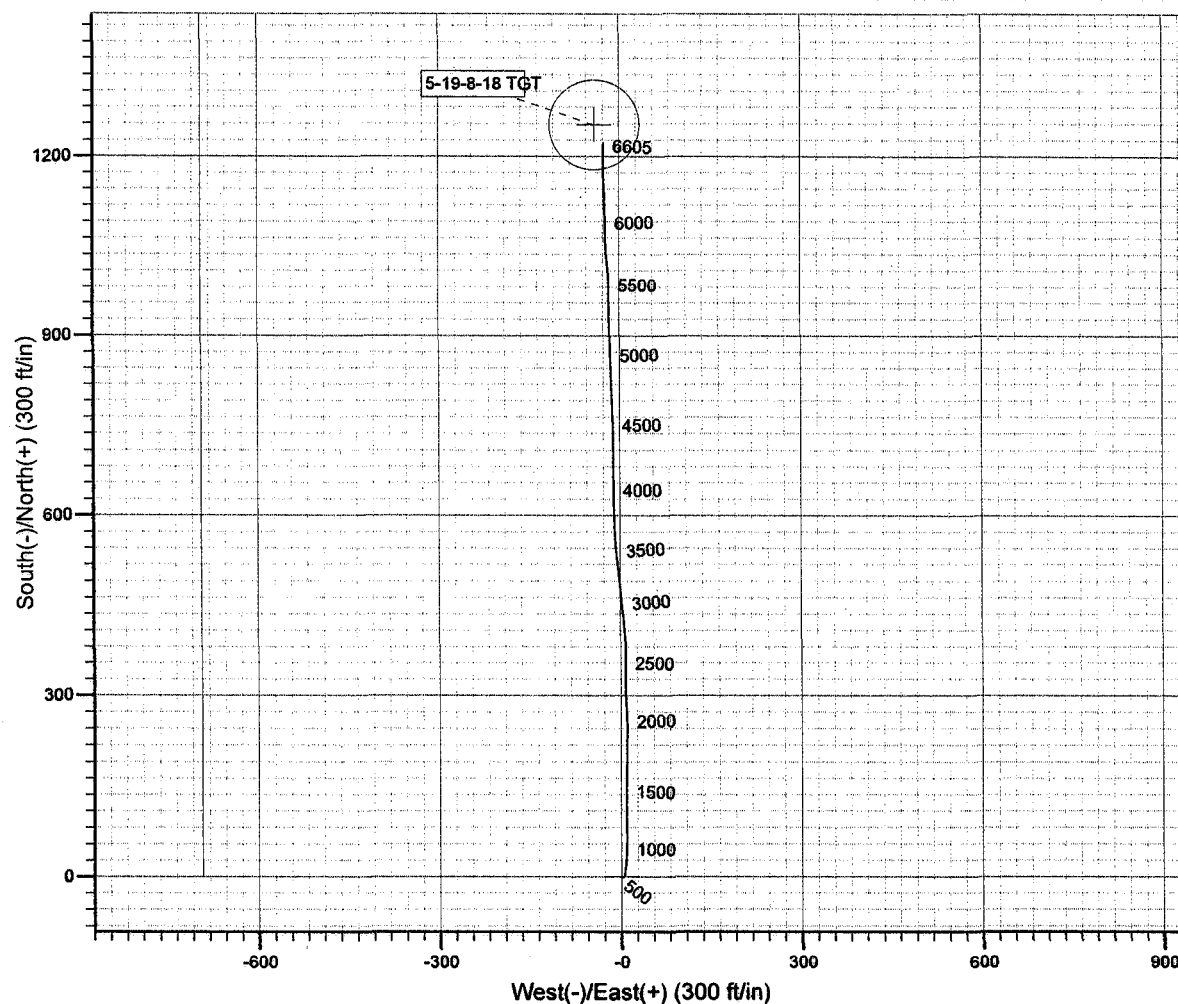
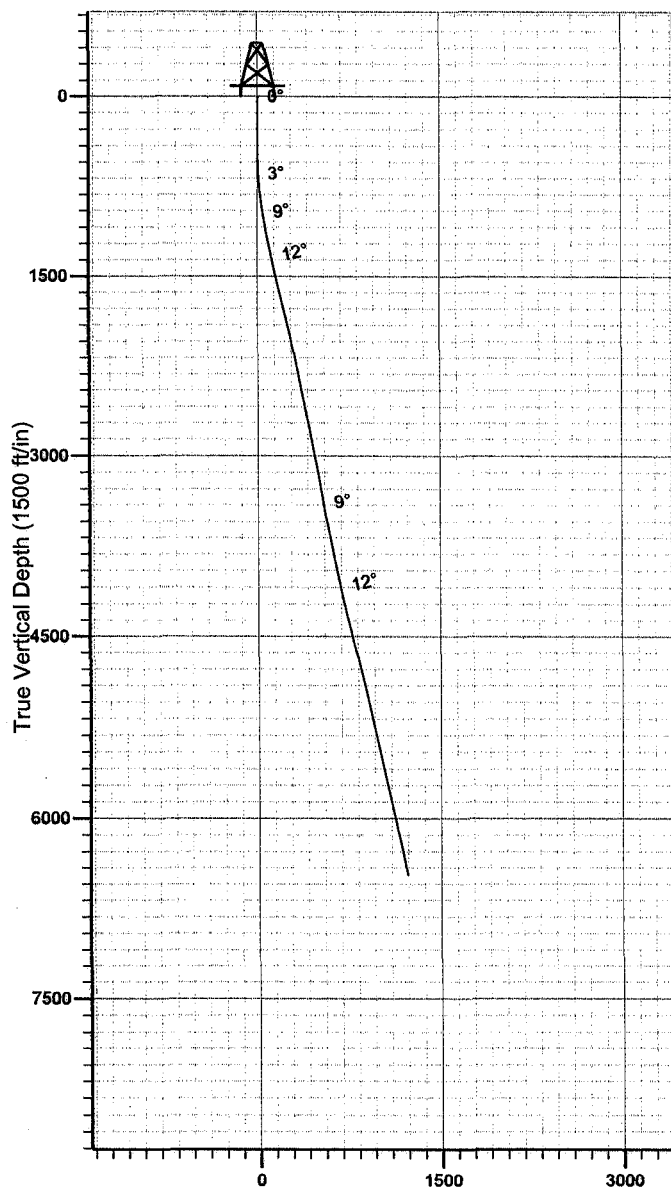
Project: USGS Myton SW (UT)
 Site: SECTION 19 T8S R18E
 Well: 5-19-8-18
 Wellbore: Wellbore #1
 SURVEY: Wellbore #1

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.60°

Magnetic Field
 Strength: 52610.6snT
 Dip Angle: 65.94°
 Date: 2008/10/22
 Model: IGRF200510



HATHAWAY H BURNHAM
 DIRECTIONAL & MWD SERVICES

Survey: Survey #1 (5-19-8-18/Wellbore #1)

Created By: *Jim Hudson* Date: 9:23, November 24 2008

THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD
 DATA.

NEWFIELD



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 19 T8S R18E
5-19-8-18**

Wellbore #1

Survey: Survey #1

Standard Survey Report

24 November, 2008

HATHAWAY HB BURNHAM
DIRECTIONAL & MWD SERVICES



Hathaway Burnham

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 19 T8S R18E
Well: 5-19-8-18
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well 5-19-8-18
TVD Reference: 5-19-8-18 @ 4998.00ft (PATTERSON 52)
MD Reference: 5-19-8-18 @ 4998.00ft (PATTERSON 52)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		Using geodetic scale factor

Site	SECTION 19 T8S R18E, SEC 19 T8S R18E		
Site Position:		Northing:	7,209,998.99 ft
From:	Lat/Long	Easting:	2,078,000.00 ft
Position Uncertainty:	0.00 ft	Slot Radius:	in
		Latitude:	40.102808
		Longitude:	-109.935542
		Grid Convergence:	1.00 °

Well	5-19-8-18		
Well Position	+N/-S	0.00 ft	Northing:
	+E/-W	0.00 ft	Easting:
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	40.101547
		Longitude:	-109.942961
		Ground Level:	0.00 ft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF200510	2008/10/22	11.60
			Dip Angle
			(°)
			65.94
			Field Strength
			(nT)
			52,611

Design	Wellbore #1		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.00	0.00	0.00
			Direction
			(°)
			358.14

Survey Program	Date 2008/11/24		
From	To	Survey (Wellbore)	Tool Name
(ft)	(ft)		
368.00	6,605.00	Survey #1 (Wellbore #1)	MWD
			Description
			MWD - Standard

Survey									
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn
Depth	(°)	(°)	Depth	(ft)	(ft)	Section	Rate	Rate	Rate
(ft)			(ft)			(ft)	(°/100ft)	(°/100ft)	(°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5-19-8-18 W LL									
368.00	0.75	119.49	367.99	-1.19	2.10	-1.25	0.20	0.20	0.00
398.00	0.94	101.64	397.99	-1.33	2.51	-1.41	1.07	0.63	-59.50
429.00	0.79	86.22	428.98	-1.37	2.97	-1.46	0.89	-0.48	-49.74
460.00	0.70	57.30	459.98	-1.25	3.34	-1.36	1.23	-0.29	-93.29
491.00	1.30	41.88	490.98	-0.89	3.74	-1.01	2.10	1.94	-49.74
521.00	1.89	26.81	520.96	-0.19	4.19	-0.33	2.40	1.97	-50.23
552.00	2.57	18.72	551.94	0.92	4.64	0.77	2.41	2.19	-26.10
582.00	2.64	17.16	581.91	2.22	5.06	2.05	0.33	0.23	-5.20
613.00	3.01	8.44	612.87	3.71	5.39	3.53	1.83	1.19	-28.13
644.00	3.25	4.36	643.83	5.39	5.58	5.20	1.06	0.77	-13.16
674.00	3.74	6.06	673.77	7.21	5.75	7.02	1.67	1.63	5.67



Hathaway Burnham

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 19 T8S R18E
Well: 5-19-8-18
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well 5-19-8-18
TVD Reference: 5-19-8-18 @ 4998.00ft (PATTERSON 52)
MD Reference: 5-19-8-18 @ 4998.00ft (PATTERSON 52)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
705.00	4.37	4.66	704.69	9.39	5.95	9.19	2.06	2.03	-4.52
735.00	5.34	6.72	734.58	11.92	6.20	11.71	3.28	3.23	6.87
765.00	5.89	9.69	764.44	14.82	6.63	14.60	2.07	1.83	9.90
796.00	6.83	7.38	795.25	18.22	7.13	17.97	3.14	3.03	-7.45
827.00	7.07	7.34	826.02	21.94	7.61	21.68	0.77	0.77	-0.13
858.00	7.76	5.07	856.76	25.91	8.04	25.64	2.42	2.23	-7.32
890.00	8.09	4.37	888.46	30.31	8.40	30.02	1.07	1.03	-2.19
922.00	8.64	4.63	920.12	34.95	8.77	34.65	1.72	1.72	0.81
954.00	9.05	1.38	951.73	39.86	9.02	39.55	2.02	1.28	-10.16
986.00	9.47	1.60	983.32	45.01	9.16	44.69	1.32	1.31	0.69
1,018.00	9.58	359.14	1,014.88	50.30	9.19	49.98	1.32	0.34	-7.69
1,049.00	9.91	358.22	1,045.43	55.55	9.07	55.23	1.18	1.06	-2.97
1,081.00	10.05	358.92	1,076.95	61.09	8.93	60.77	0.58	0.44	2.19
1,113.00	10.63	0.79	1,108.43	66.84	8.92	66.51	2.09	1.81	5.84
1,145.00	10.74	358.68	1,139.87	72.77	8.89	72.44	1.27	0.34	-6.59
1,176.00	10.98	359.25	1,170.32	78.61	8.79	78.28	0.85	0.77	1.84
1,208.00	11.18	359.69	1,201.72	84.76	8.73	84.43	0.68	0.62	1.37
1,240.00	11.62	1.18	1,233.09	91.08	8.78	90.75	1.65	1.37	4.66
1,272.00	11.76	359.95	1,264.42	97.56	8.84	97.23	0.89	0.44	-3.84
1,303.00	11.91	1.08	1,294.77	103.92	8.90	103.58	0.89	0.48	3.65
1,335.00	12.13	359.60	1,326.06	110.59	8.94	110.24	1.18	0.69	-4.62
1,367.00	12.68	359.41	1,357.32	117.46	8.88	117.11	1.72	1.72	-0.59
1,398.00	13.03	359.87	1,387.54	124.36	8.84	124.00	1.18	1.13	1.48
1,493.00	12.92	1.60	1,480.11	145.68	9.11	145.31	0.42	-0.12	1.82
1,588.00	13.17	359.73	1,572.66	167.12	9.35	166.73	0.52	0.26	-1.97
1,683.00	13.14	0.99	1,665.17	188.74	9.49	188.33	0.30	-0.03	1.33
1,778.00	13.38	1.10	1,757.64	210.53	9.89	210.09	0.25	0.25	0.12
1,873.00	13.71	0.70	1,849.99	232.77	10.24	232.32	0.36	0.35	-0.42
1,968.00	13.32	358.11	1,942.36	254.97	10.01	254.51	0.76	-0.41	-2.73
2,032.00	12.24	357.98	2,004.78	269.12	9.53	268.67	1.69	-1.69	-0.20
2,127.00	11.05	354.77	2,097.82	288.25	8.35	287.83	1.43	-1.25	-3.38
2,222.00	11.34	358.94	2,191.02	306.65	7.34	306.25	0.90	0.31	4.39
2,317.00	10.48	0.57	2,284.30	324.63	7.26	324.22	0.96	-0.91	1.72
2,411.00	11.18	359.93	2,376.62	342.29	7.33	341.87	0.76	0.74	-0.68
2,507.00	11.43	1.14	2,470.76	361.11	7.51	360.68	0.36	0.26	1.26
2,602.00	11.78	359.93	2,563.82	380.22	7.68	379.77	0.45	0.37	-1.27
2,696.00	11.84	357.71	2,655.83	399.45	7.29	399.00	0.49	0.06	-2.36
2,791.00	11.91	355.34	2,748.80	418.96	6.10	418.54	0.52	0.07	-2.49
2,886.00	10.13	351.74	2,842.04	437.00	4.10	436.64	2.01	-1.87	-3.79
2,982.00	11.16	355.36	2,936.39	454.61	2.14	454.31	1.28	1.07	3.77
3,077.00	11.27	355.49	3,029.58	473.03	0.66	472.76	0.12	0.12	0.14
3,172.00	11.03	354.55	3,122.78	491.33	-0.93	491.10	0.32	-0.25	-0.99
3,268.00	9.56	349.90	3,217.24	508.32	-3.20	508.16	1.76	-1.53	-4.84
3,362.00	9.36	355.08	3,309.96	523.63	-5.22	523.52	0.93	-0.21	5.51
3,457.00	8.79	355.38	3,403.77	538.56	-6.47	538.48	0.60	-0.60	0.32
3,552.00	11.56	356.70	3,497.27	555.30	-7.60	555.25	2.93	2.92	1.39
3,647.00	11.10	356.33	3,590.42	573.93	-8.74	573.91	0.49	-0.48	-0.39
3,742.00	11.23	358.09	3,683.62	592.30	-9.63	592.30	0.38	0.14	1.85
3,837.00	11.69	359.00	3,776.72	611.17	-10.11	611.17	0.52	0.48	0.96
3,932.00	11.43	358.64	3,869.80	630.20	-10.50	630.21	0.28	-0.27	-0.38
4,027.00	11.62	0.02	3,962.88	649.18	-10.72	649.18	0.35	0.20	1.45
4,122.00	12.00	359.45	4,055.87	668.62	-10.81	668.62	0.42	0.40	-0.60
4,218.00	12.57	0.07	4,149.67	689.05	-10.89	689.04	0.61	0.59	0.65
4,314.00	12.82	357.16	4,243.33	710.13	-11.41	710.13	0.72	0.26	-3.03



Hathaway Burnham

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 19 T8S R18E
Well: 5-19-8-18
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well 5-19-8-18
TVD Reference: 5-19-8-18 @ 4998.00ft (PATTERSON 52)
MD Reference: 5-19-8-18 @ 4998.00ft (PATTERSON 52)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,408.00	14.52	1.08	4,334.66	732.33	-11.70	732.33	2.06	1.81	4.17
4,503.00	13.62	358.48	4,426.81	755.42	-11.77	755.40	1.16	-0.95	-2.74
4,599.00	12.60	356.86	4,520.31	777.18	-12.65	777.18	1.13	-1.06	-1.69
4,694.00	14.50	359.80	4,612.66	799.42	-13.26	799.43	2.13	2.00	3.09
4,789.00	14.04	357.43	4,704.73	822.82	-13.81	822.84	0.78	-0.48	-2.49
4,884.00	13.56	357.89	4,796.99	845.46	-14.74	845.50	0.52	-0.51	0.48
4,980.00	13.54	358.42	4,890.32	867.94	-15.47	867.99	0.13	-0.02	0.55
5,075.00	12.59	358.44	4,982.86	889.41	-16.05	889.46	1.00	-1.00	0.02
5,170.00	13.25	0.02	5,075.45	910.65	-16.33	910.70	0.79	0.69	1.66
5,266.00	13.65	0.20	5,168.82	932.98	-16.29	933.01	0.42	0.42	0.19
5,361.00	12.39	356.63	5,261.37	954.36	-16.85	954.41	1.57	-1.33	-3.76
5,454.00	12.30	359.56	5,352.23	974.23	-17.51	974.28	0.68	-0.10	3.15
5,549.00	12.52	0.50	5,445.01	994.64	-17.50	994.69	0.31	0.23	0.99
5,644.00	12.04	352.09	5,537.84	1,014.76	-18.77	1,014.83	1.95	-0.51	-8.85
5,738.00	12.66	354.40	5,629.66	1,034.72	-21.13	1,034.86	0.84	0.66	2.46
5,833.00	12.79	357.30	5,722.33	1,055.58	-22.64	1,055.76	0.69	0.14	3.05
5,928.00	13.78	0.42	5,814.79	1,077.40	-23.05	1,077.58	1.29	1.04	3.28
6,023.00	12.57	357.47	5,907.29	1,099.04	-23.42	1,099.23	1.46	-1.27	-3.11
6,118.00	12.94	359.67	5,999.94	1,120.01	-23.94	1,120.20	0.64	0.39	2.32
6,214.00	13.16	357.43	6,093.47	1,141.67	-24.49	1,141.87	0.57	0.23	-2.33
6,309.00	12.28	356.70	6,186.13	1,162.56	-25.56	1,162.78	0.94	-0.93	-0.77
6,404.00	12.17	359.52	6,278.98	1,182.66	-26.23	1,182.89	0.64	-0.12	2.97
6,499.00	11.60	1.34	6,371.94	1,202.23	-26.09	1,202.44	0.72	-0.60	1.92
6,605.00	11.69	1.82	6,475.76	1,223.61	-25.50	1,223.80	0.12	0.08	0.45

5-19-8-18 TGT

Checked By: _____ Approved By: _____ Date: _____

H	HEADER	INFORMATION -----							
H	COMPANY	:	NEWFIELD EXPLORATION						
H	FIELD	:	USGS	Myton	SW	(UT)			
H	SITE	:	SECTION	19 T8S	R18E				
H	WELL	:	5-19-8-18						
H	WELLPATH:	Wellbore	#1						
H	DEPTHUNT:	ft							
H	SURVDATE:	11/24/2008							
H	DECLINATION	CORR.							
H	=	10.6 TO	GRIDH-----						
H	WELL	INFORMATION							
H	WELL	EW	MAP	:	2075933				
H	WELL	NS	MAP	:	7209504				
H	DATUM	ELEVN	:	4998					
H	VSECT	ANGLE	:	358.14					
H	VSECT	NORTH	:	0					
H	VSECT	EAST	:	0					
H	-----								
H	SURVEY	TYPE	INFORMATION						
H	368 -	6605 SURVEY #1						:	MWD
H	-----								
H	SURVEY	LIST							
MD	INC	AZI	TVD	NS	EW	VS	DLS		
	0	0	0	0	0	0	0	0	
	368	0.75	119.49	367.99	-1.19	2.1	-1.25	0.2	
	398	0.94	101.64	397.99	-1.33	2.51	-1.41	1.07	
	429	0.79	86.22	428.98	-1.37	2.97	-1.46	0.89	
	460	0.7	57.3	459.98	-1.25	3.34	-1.36	1.23	
	491	1.3	41.88	490.98	-0.89	3.74	-1.01	2.1	
	521	1.89	26.81	520.96	-0.19	4.19	-0.33	2.4	
	552	2.57	18.72	551.94	0.92	4.64	0.77	2.41	
	582	2.64	17.16	581.91	2.22	5.06	2.05	0.33	
	613	3.01	8.44	612.87	3.71	5.39	3.53	1.83	
	644	3.25	4.36	643.83	5.39	5.58	5.2	1.06	
	674	3.74	6.06	673.77	7.21	5.75	7.02	1.67	
	705	4.37	4.66	704.69	9.39	5.95	9.19	2.06	
	735	5.34	6.72	734.58	11.92	6.2	11.71	3.28	
	765	5.89	9.69	764.44	14.82	6.63	14.6	2.07	
	796	6.83	7.38	795.25	18.22	7.13	17.97	3.14	
	827	7.07	7.34	826.02	21.94	7.61	21.68	0.77	
	858	7.76	5.07	856.76	25.91	8.04	25.64	2.42	
	890	8.09	4.37	888.46	30.31	8.4	30.02	1.07	
	922	8.64	4.63	920.12	34.95	8.77	34.65	1.72	
	954	9.05	1.38	951.73	39.86	9.02	39.55	2.02	
	986	9.47	1.6	983.32	45.01	9.16	44.69	1.32	
	1018	9.58	359.14	1014.88	50.3	9.19	49.98	1.32	
	1049	9.91	358.22	1045.43	55.55	9.07	55.23	1.18	

1081	10.05	358.92	1076.95	61.09	8.93	60.77	0.58
1113	10.63	0.79	1108.43	66.84	8.92	66.51	2.09
1145	10.74	358.68	1139.87	72.77	8.89	72.44	1.27
1176	10.98	359.25	1170.32	78.61	8.79	78.28	0.85
1208	11.18	359.69	1201.72	84.76	8.73	84.43	0.68
1240	11.62	1.18	1233.09	91.08	8.78	90.75	1.65
1272	11.76	359.95	1264.42	97.56	8.84	97.23	0.89
1303	11.91	1.08	1294.77	103.92	8.9	103.58	0.89
1335	12.13	359.6	1326.06	110.59	8.94	110.24	1.18
1367	12.68	359.41	1357.32	117.46	8.88	117.11	1.72
1398	13.03	359.87	1387.54	124.36	8.84	124	1.18
1493	12.92	1.6	1480.11	145.68	9.11	145.31	0.42
1588	13.17	359.73	1572.66	167.12	9.35	166.73	0.52
1683	13.14	0.99	1665.17	188.74	9.49	188.33	0.3
1778	13.38	1.1	1757.64	210.53	9.89	210.09	0.25
1873	13.71	0.7	1849.99	232.77	10.24	232.32	0.36
1968	13.32	358.11	1942.36	254.97	10.01	254.51	0.76
2032	12.24	357.98	2004.78	269.12	9.53	268.67	1.69
2127	11.05	354.77	2097.82	288.25	8.35	287.83	1.43
2222	11.34	358.94	2191.02	306.65	7.34	306.25	0.9
2317	10.48	0.57	2284.3	324.63	7.26	324.22	0.96
2411	11.18	359.93	2376.62	342.29	7.33	341.87	0.76
2507	11.43	1.14	2470.76	361.11	7.51	360.68	0.36
2602	11.78	359.93	2563.82	380.22	7.68	379.77	0.45
2696	11.84	357.71	2655.83	399.45	7.29	399	0.49
2791	11.91	355.34	2748.8	418.96	6.1	418.54	0.52
2886	10.13	351.74	2842.04	437	4.1	436.64	2.01
2982	11.16	355.36	2936.39	454.61	2.14	454.31	1.28
3077	11.27	355.49	3029.58	473.03	0.66	472.76	0.12
3172	11.03	354.55	3122.78	491.33	-0.93	491.1	0.32
3268	9.56	349.9	3217.24	508.32	-3.2	508.16	1.76
3362	9.36	355.08	3309.96	523.63	-5.22	523.52	0.93
3457	8.79	355.38	3403.77	538.56	-6.47	538.48	0.6
3552	11.56	356.7	3497.27	555.3	-7.6	555.25	2.93
3647	11.1	356.33	3590.42	573.93	-8.74	573.91	0.49
3742	11.23	358.09	3683.62	592.3	-9.63	592.3	0.38
3837	11.69	359	3776.72	611.17	-10.11	611.17	0.52
3932	11.43	358.64	3869.8	630.2	-10.5	630.21	0.28
4027	11.62	0.02	3962.88	649.18	-10.72	649.18	0.35
4122	12	359.45	4055.87	668.62	-10.81	668.62	0.42
4218	12.57	0.07	4149.67	689.05	-10.89	689.04	0.61
4314	12.82	357.16	4243.33	710.13	-11.41	710.13	0.72
4408	14.52	1.08	4334.66	732.33	-11.7	732.33	2.06
4503	13.62	358.48	4426.81	755.42	-11.77	755.4	1.16
4599	12.6	356.86	4520.31	777.18	-12.65	777.18	1.13
4694	14.5	359.8	4612.66	799.42	-13.26	799.43	2.13
4789	14.04	357.43	4704.73	822.82	-13.81	822.84	0.78

4884	13.56	357.89	4796.99	845.46	-14.74	845.5	0.52
4980	13.54	358.42	4890.32	867.94	-15.47	867.99	0.13
5075	12.59	358.44	4982.86	889.41	-16.05	889.46	1
5170	13.25	0.02	5075.45	910.65	-16.33	910.7	0.79
5266	13.65	0.2	5168.82	932.98	-16.29	933.01	0.42
5361	12.39	356.63	5261.37	954.36	-16.85	954.41	1.57
5454	12.3	359.56	5352.23	974.23	-17.51	974.28	0.68
5549	12.52	0.5	5445.01	994.64	-17.5	994.69	0.31
5644	12.04	352.09	5537.84	1014.76	-18.77	1014.83	1.95
5738	12.66	354.4	5629.66	1034.72	-21.13	1034.86	0.84
5833	12.79	357.3	5722.33	1055.58	-22.64	1055.76	0.69
5928	13.78	0.42	5814.79	1077.4	-23.05	1077.58	1.29
6023	12.57	357.47	5907.29	1099.04	-23.42	1099.23	1.46
6118	12.94	359.67	5999.94	1120.01	-23.94	1120.2	0.64
6214	13.16	357.43	6093.47	1141.67	-24.49	1141.87	0.57
6309	12.28	356.7	6186.13	1162.56	-25.56	1162.78	0.94
6404	12.17	359.52	6278.98	1182.66	-26.23	1182.89	0.64
6499	11.6	1.34	6371.94	1202.23	-26.09	1202.44	0.72
6605	11.69	1.82	6475.76	1223.61	-25.5	1223.8	0.12

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-36846
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 5-19-8-18
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1940 FSL 0693 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 19 Township: 08.0S Range: 18.0E Meridian: S		9. API NUMBER: 43047361850000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/3/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 07/03/2014. Initial MIT on the above listed well. On 07/03/2014 the casing was pressured up to 1354 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10511		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 07, 2014		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 7/10/2014	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 7-13-14
Test conducted by: KANE STEPHENSON
Others present: Dale Giles

Well Name: <u>Federal 5-19-8-18</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NW/50</u> Sec: <u>19</u> T <u>8</u> N <u>8</u> E W County: <u>Wintah</u> State: <u>Ut.</u>		
Operator: <u>Newfield production co.</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☒ Yes ☐ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1357</u> psig	psig	psig
5 minutes	<u>1356</u> psig	psig	psig
10 minutes	<u>1356</u> psig	psig	psig
15 minutes	<u>1356</u> psig	psig	psig
20 minutes	<u>1355</u> psig	psig	psig
25 minutes	<u>1354</u> psig	psig	psig
30 minutes	<u>1354</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test ? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

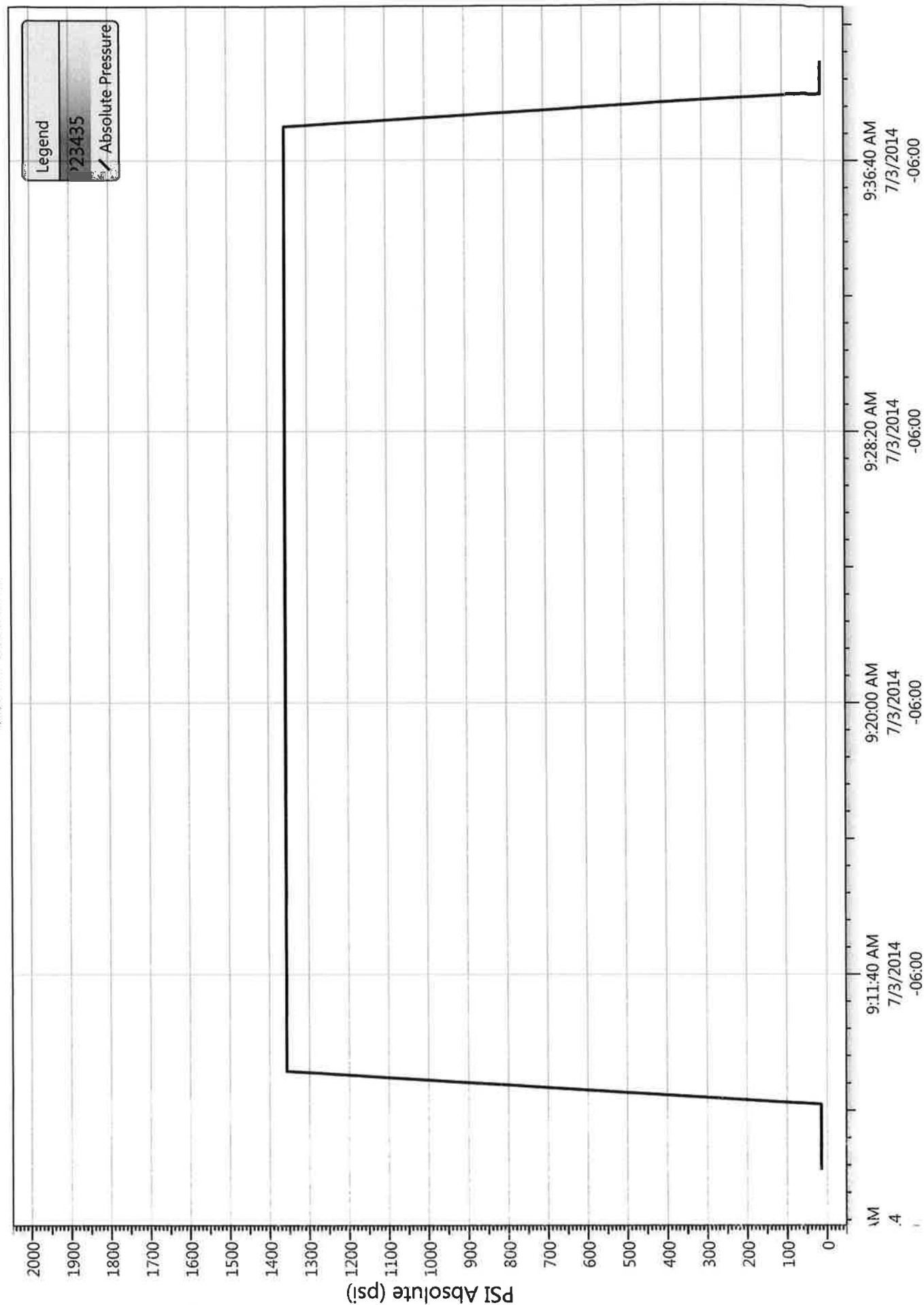
Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

COPY

Federal 5-19-8-18 (Conversion) 7/3/2014

7/3/2014 9:05:04 AM





Well Name: Federal 5-19-8-18

Job Detail Summary Report

Sundry Number: 53208 API Well Number: 43047361850000

Jobs		Job Start Date	Job End Date
Primary Job Type Conversion		7/1/2014	
Daily Operations			
Report Start Date 7/1/2014	Report End Date 7/1/2014	24hr Activity Summary MIRU	
Start Time	End Time	End Time	Comment
	09:00	10:00	Moved From 13-28-8-18
Start Time	End Time	End Time	Comment
	10:00	20:00	MIRUSU @ 9:00AM, RDPU, BMW H/O Pmped 60BW d/ Csg w/ Biocide, LD & Stripped Polished Rod, US Rod Pmp, Flush Rods w/ 40BW, Soft Seat & Test Tbg to 3500psi, GOOD TEST!, 10BW to Fill, LD 249- 7/8" 4per, 4- 1 1/2" Wt Bars, 2 1/2"x 1 1/2"x 20' Rod Pmp, H/O Flushed w/ 30BW, XO For Tbg, ND WH, Release TAC, NU BOP, RU Workfloor, RU & RIH w/ S/Line, Tagg Fill @ 6563' NO NEW FILL, POOH w/ 140- Jts B&D Collars ...SWIFN
Start Time	End Time	End Time	Comment
	20:00	20:30	c/Travl
Report Start Date 7/2/2014	Report End Date 7/2/2014	24hr Activity Summary TIH w/ 150-Jts, Pmped 10BW Pad	
Start Time	End Time	End Time	Comment
	05:30	06:00	c/Travl
Start Time	End Time	End Time	Comment
	06:00	17:30	SICP Ops! SITP Ops!, OWU, BMW H/O Flushed Tbg w/ 40BW, Conti POOH B&D Collars to 4685.6', 150- Jts- Total, LD 63 -Jts & BHA on Tri, MU WTF Arrow Set w/ XN Profile Nipple Assa., TIH w/ 150-Jts, Pmped 10BW Pad, Drop S/Valv, 15BW to Fill, PT to 3000psi, 10psi Loss in 30Min, NO PRESSURE LOSS in 30Min, GOOD TBG TEST!, Retrieved S/Valv, RD Workfloor, ND BOP, MU WH, H/O Pmped 60BW w/ Multi-Chem PKR Fluids d/ Annulus, Cicul @ 40BW, Set PKR CE @ 4703' w/ 1500# of Tension, NU 3K I/Tree, 5BW to Fill, PT to 1550psi, 25psi Loss Every 15Min for 60Min, Repress to 1500psi, Let Set Over Night w/ Pressure...SWIFN
Start Time	End Time	End Time	Comment
	17:30	18:00	c/Travl
Report Start Date 7/3/2014	Report End Date 7/3/2014	24hr Activity Summary Conduct MIT	
Start Time	End Time	End Time	Comment
	05:30	10:30	c/Travl
Start Time	End Time	End Time	Comment
	10:30	14:30	SICP 1050psi SITP 10psi, Bleed Off Gas from Csg, BMW H/O Repress Annulus to 1400psi, 10psi Loss 60Min, NO PRESSURE LOSS IN 15Min, Newfield Wtr Service Rep Performed MIT GOOD TEST!..Initial MIT on the above listed well. On 07/03/2014 the casing was pressured up to 1354 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10511. RDMOSU...FINAL RIG REPORT! 1357psi- 1354psi on MIT

NEWFIELD



Schematic

Well Name: Federal 5-19-8-18

Surface Legal Location 19-8S-18E	API/UWI 43047361850000	Well RC 500159324	Lease	State/Province Utah	Field Name GMBU CT B9	County N/A
Spud Date	Rig Release Date	On Production Date 1/21/2009	Original KB Elevation (ft) 4,971	Ground Elevation (ft) 4,959	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 6,563.0

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 7/1/2014	Job End Date
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TD: 6,610.0

Vertical - Original Hole, 7/8/2014 9:04:34 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
			DLS (°...	
12.1				
144.0				
325.1				
326.1				1; Surface; 8 5/8 in; 8.097 in; 12-326 ftKB; 314.00 ft
4,697.5				2-1; Tubing; 2 7/8; 2,441; 12-4,698; 4,685.61
4,698.8				2-2; Pump Seating Nipple; 2 7/8; 4,698-4,699; 1.10
4,700.1				2-3; On-Off Tool; 2 7/8; 4,699-4,700; 1.45
4,700.5				2-4; X Seal Nipple; 2 7/8; 4,700-4,700; 0.33
4,707.3				2-5; Packer; 5 1/2; 4,700-4,707; 6.95
4,708.0				2-6; Cross Over; 2 3/8; 4,707-4,708; 0.51
4,711.9				2-7; Tubing Pup Joint; 2 3/8; 4,708-4,712; 4.05
4,713.3				2-8; XN Nipple; 2 3/8; 4,712-4,713; 1.22
4,713.6				2-9; Wireline Guide; 2 3/8; 4,713-4,714; 0.40
4,734.9				
4,743.1				Perforated; 4,735-4,743; 1/21/2009
5,503.9				
5,517.1				Perforated; 5,504-5,517; 1/21/2009
6,215.9				
6,224.1				Perforated; 6,216-6,224; 1/21/2009
6,254.9				
6,263.1				Perforated; 6,255-6,263; 1/21/2009
6,312.0				
6,317.9				Perforated; 6,312-6,318; 1/21/2009
6,563.0				
6,563.3				
6,563.6				
6,602.7				
6,603.3				2; Production; 5 1/2 in; 4.950 in; 12-6,603 ftKB; 6,591.43 ft
6,609.9				

NEWFIELD**Newfield Wellbore Diagram Data
Federal 5-19-8-18**

Surface Legal Location 19-8S-18E		API/UWI 43047361850000		Lease	
County N/A	State/Province Utah	Basin		Field Name GMBU CTB9	
Well Start Date 11/9/2008	Spud Date	Final Rig Release Date		On Production Date 1/2 1/2009	
Original KB Elevation (ft) 4,971	Ground Elevation (ft) 4,959	Total Depth (ftKB) 6,610.0	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 6,563.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	11/13/2008	8 5/8	8.097	24.00	J-55	326
Production	11/24/2008	5 1/2	4.950	15.50	J-55	6,603

Cement**String: Surface, 326ftKB 11/13/2008**

Cementing Company BJ Services Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 326.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% cac12+1/4# Cello Flake mixed	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 6,603ftKB 11/24/2008

Cementing Company BJ Services Company	Top Depth (ftKB) 144.0	Bottom Depth (ftKB) 6,610.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Premium Lite II Cement	Fluid Type Lead	Amount (sacks) 350	Class PREMIUM LITE II	Estimated Top (ftKB) 144.0
Fluid Description Class G Mixed	Fluid Type Tail	Amount (sacks) 450	Class G	Estimated Top (ftKB) 2,500.0

Tubing Strings

Tubing Description					Run Date	Set Depth (ftKB)		
Tubing					7/3/2014	4,713.6		
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	150	2 7/8	2.441	6.50	J-55	4,685.61	12.0	4,697.6
Pump Seating Nipple	1	2 7/8				1.10	4,697.6	4,698.7
On-Off Tool	1	2 7/8				1.45	4,698.7	4,700.2
X Seal Nipple	1	2 7/8				0.33	4,700.2	4,700.5
Packer	1	5 1/2				6.95	4,700.5	4,707.4
Cross Over	1	2 3/8				0.51	4,707.4	4,708.0
Tubing Pup Joint	1	2 3/8				4.05	4,708.0	4,712.0
XN Nipple	1	2 3/8				1.22	4,712.0	4,713.2
Wireline Guide	1	2 3/8				0.40	4,713.2	4,713.6

Rod Strings

Rod Description				Run Date		Set Depth (ftKB)	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
3	GB2, Original Hole	4,735	4,743	4			1/21/2009
2	C, Original Hole	5,504	5,517	4			1/21/2009
1	CP2, Original Hole	6,216	6,224	4			1/21/2009
1	CP2, Original Hole	6,255	6,263	4			1/21/2009
1	CP3, Original Hole	6,312	6,318	4			1/21/2009

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
2	1,323	0.68	26.3	1,522			
2	1,323	0.68	26.3	1,522			
2	1,323	0.68	26.3	1,522			
2	1,323	0.68	26.3	1,522			
2	1,323	0.68	26.3	1,522			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
2		Proppant White Sand 228944 lb
2		Proppant White Sand 228944 lb
2		Proppant White Sand 228944 lb
2		Proppant White Sand 228944 lb
2		Proppant White Sand 228944 lb

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-36846
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 5-19-8-18
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1940 FSL 0693 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 19 Township: 08.0S Range: 18.0E Meridian: S		9. API NUMBER: 43047361850000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH
COUNTY: Uintah		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/15/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> The above reference well was put on injection at 9:00 AM on 08/15/2014. EPA # UT22197-10511 </div> <div style="width: 35%; text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 22, 2014 </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 8/21/2014	